

MEGASTAR RFQ Q&A

As of February 22, 2019

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10. Attachment 2, 1.7 - May contractors submit proposals earlier than the required March 13, 2019 2pm CT due date (electronic and hardcopy)?
- Yes.
11. If a CTA has 4 members and 3 members have the GSA PSS that covers 871-1 thru 871-4 and 1 member has the GSA IT Schedule 70 (SIN 132-51) can that 4th member be included on the CTA and bid on the BPA? If so how will they use their schedule to bid on any of the task orders since the task orders will include SINS 871-1-4 and the performance lead for that TO would have to use their proposed schedule?
- So long as the team member has a GSA Schedule Contract, they can be included on the CTA. Each member of the CTA is subject to the terms and conditions of their underlying GSA Schedule Contract. In other words, an IT Schedule 70 contractor would be subject to the terms and conditions of their IT Schedule 70 contract. In addition, they can only offer services (i.e. labor categories) available on their IT Schedule 70 contract.
12. Follow-up question to #40 “Will GSA and NASIC accept a CTA construct where different CTA members can be task order leads on different tasks and where the task order lead.” In the example #2 scenario...will GSA send task order RFQs out in ITSS to all CTA members then after review by the CTA members and designation of the “performance” lead for that TO that member would be the only member to reply in ITSS with a TO proposal and the other members would just not respond to the ITSS RFQ?
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- This is correct.

17. In order to provide sufficient detail for relevancy scoring across the PWS areas, can the offeror submit a classified Past Performance for consideration?

- Responses must be unclassified.

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19. Please clarify definition of “Estimate at completion”. Is the Government looking for a specific aspect of the estimate to measure completion?

- Estimate at Completion is the actual cost plus the estimated cost to complete.

20. Are there constraints on the programming languages or operating systems used at NASIC not just the Ballistic Missile mission but across the disciplines identified in the PWS? Do these “tools” used at NASIC have to be certified in any way? For example, what is NASIC policy (beyond what is stated in NASIC 33-108)?

- Answer pending. Will be answered in a future update.

21. Attachment 2, Section 4.3 states, The Government reserves the right, but is not obligated, to conduct a realism analysis. Will the government consider adding this statement to the evaluation criteria in Attachment 3, Section 1.3 for clarity?

- No.

22. General – Is the GSA proposed category selection limited to a particular SIN#?

- Quoted labor categories must be in your schedule contract or added to your schedule contract by time of award. This has been solicited under 871-1 through 871-4. If forming a CTA, then members can use labor categories from their respective schedules, even if that schedule is not within 871-1 through 871-4 – e.g. IT Schedule 70.

23. Attachment 2, Section 1.11 states that no smaller than a 10-point font should be used. Will the Government consider modifying this statement as follows to make graphics an exception? Page/Font/File Format: The page format shall have no less than a 1 inch margin using no smaller than a 10-point font for all text (except for graphics and tables; graphics may use a smaller font as long as the text is legible).

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24. If submitting a response utilizing the CTA structure, should all CTA Team Members (Including the Team Lead) separately upload their electronic quotes via GSA eBuy?

- If the CTA does not intend to use a lead for the CTA, then all members should upload a response. If the CTA intends to use a lead for the CTA, then it is preferred that only the lead upload a response.

25. In the Performance Work Statement (PWS), 2.2 states that “Work performed will include obtaining data; performing technical analysis; developing assessments, evaluations, and predictions of capabilities; designing and assessing current, developmental and projected threat systems; providing reports related to worldwide developments”. Does “obtaining data” include funding of systems that would obtain data from terrestrial, airborne or spaceborne platforms to meet the needs specified in Section 5.0 Requirements of the PWS?

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26. Can “Key Personnel” include individuals from subcontractors who are part of the Prime’s team?

- Please see answer to Q9.

27. Will there be any scope or work from the Task Orders that could be performed at an unclassified level or a lower security classification (such as Secret)?

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28. Can the contractor propose to a specific requirement in section 5.0 or do they need to cover a whole area of requirements (e.g.. all of Integrated Air Defense Systems (IADS))?

- Please see Attachment 3 – Basis of Award. One of the considerations in selection for award is Past Performance Relevancy which includes demonstrating past performance in a variety of PWS task areas. Proposing to specific requirements (e.g. only 5.1 and 5.2 versus all of 5.1-5.9) limits the number of points that can be awarded and thus lowers chances for award.

29. For past performance that was performed by us as a subcontractor, who should complete the Past Performance Questionnaires? Is the Government customer, who was the end user and closely oversaw performance the preferred point of contact? We want to confirm we are sending questionnaires to the proper points of contact.

- A Government POC is preferred when available. If using a contractor POC, ensure doing so does not present a conflict of interest (i.e. a contractor rating a member of its own team).

30. In the ebuy system, the RFQ has a list of line items with reserved space for quotes for each line item. For example, Line T0001 is for the “BPA Base 5-year Ordering Period”, Line T1001 is for “BPA Option Year 1”. The RFQ description in ebuy notes “Please submit your quote only using the line items on the RFQ”. However, both the Basis of Award and Instructions documents of the RFP, only instruct offerors to provide labor categories, rates, discounts, and escalation for the 10-year ordering period. There are no instructions throughout the RFQ as to what offerors should submit in these line item quotes. What are offerors supposed to submit in this section on ebuy?

- This is default language included in eBuy. The Government will conduct its price evaluation as described in Attachments 2 and 3 of the RFQ, so it doesn’t actually matter what is input into the line items in eBuy. If the eBuy system does not allow a quote to be submitted without a dollar amount entered into each line item, then the Government recommends entering \$1.00 to each line item.

MEGASTAR RFQ Q&A

As of February 28, 2019

Revised

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- NASIC is moving to retire all legacy languages and rely predominantly on RedHat and Windows, but specific requirements could be for various languages depending on the system and tool. Yes, all S/W must be approved by NASIC SC prior to entry/Installation on any network. These procedures are the responsibility of the requiring Government office and the Program Manager for the task order. 33-108 is the guiding document, but it is under revision. Additionally, NASIC is working to produce more overarching guidance and governance, but those documents are in draft status. As of today, the NASIC CSRD process, initiated by the Government Program Manager, is the process for all IT-related actions.

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11. If a CTA has 4 members and 3 members have the GSA PSS that covers 871-1 thru 871-4 and 1 member has the GSA IT Schedule 70 (SIN 132-51) can that 4th member be included on the CTA and bid on the BPA? If so how will they use their schedule to bid on any of the task orders since the task orders will include SINS 871-1-4 and the performance lead for that TO would have to use their proposed schedule?
- So long as the team member has a GSA Schedule Contract, they can be included on the CTA. Each member of the CTA is subject to the terms and conditions of their underlying GSA Schedule Contract. In other words, an IT Schedule 70 contractor would be subject to the terms and conditions of their IT Schedule 70 contract. In addition, they can only offer services (i.e. labor categories) available on their IT Schedule 70 contract.
12. Follow-up question to #40 “Will GSA and NASIC accept a CTA construct where different CTA members can be task order leads on different tasks and where the task order lead.” In the example #2 scenario...will GSA send task order RFQs out in ITSS to all CTA members then after review by the CTA members and designation of the “performance” lead for that TO that member would be the only member to reply in ITSS with a TO proposal and the other members would just not respond to the ITSS RFQ?
- Yes, the intent is that the RFQ would be made available to all CTA members, but due to system limitations the Government can only award a single task order. Thus, the CTA must appoint a “lead” for each task order who submits a response on behalf of the CTA.

13. If submitting a proposal as a CTA, does each company submit a QCP with their company QC process or can more general QCP for the CTA be submitted using examples of our processes from CTA members?

- The Government is requesting a single quality control plan for the overall BPA. How a CTA decides to construct that plan is up to the CTA.

14. If an IDIQ is being used for a past performance and the end date of the period of performance of the IDIQ is within the past 3 years, can the IDIQ as a whole be used even if some of the work in the relevancy areas is outside of this 3 year window?

- If the contract has been active within the past 3 years, then that contract is considered recent. For example, a contract in which the period of performance ended on March 1, 2017 would be considered recent because it was active within the past 3 years.

15. For the subject RFQ is there a BPA Schedule of Prices format to use as stated in Attach 4, para 13 (states Attach 3 – BPA Schedule of Prices)?

- For the purposes of the RFQ there is no format to use for the BPA Schedule of Prices. It is anticipated that the Government will incorporate pricing information from the price quote as the BPA Schedule of Prices.

16. RFQ Atch 2, Appendix A, Section E.3: Contractor assumes “Estimate at Completion” is per industry standard definition which is: “The current estimated total cost for program authorized work. It equals Actual Cost of Work Performed (ACWP) plus the estimated costs to complete (Estimate To Complete (ETC)) the authorized work remaining.” Please confirm.

- This is correct.

17. In order to provide sufficient detail for relevancy scoring across the PWS areas, can the offeror submit a classified Past Performance for consideration?

- Responses must be unclassified.

18. To be considered recent, efforts must have been in place at least 12 months prior to the initial quote due date. Does the term “efforts” refer to a BPA Level award or individual task orders.

- It can refer to either depending on if a BPA is cited or if an order under the BPA is cited.

19. Please clarify definition of “Estimate at completion”. Is the Government looking for a specific aspect of the estimate to measure completion?

- Estimate at Completion is the actual cost plus the estimated cost to complete.

20. Are there constraints on the programming languages or operating systems used at NASIC not just the Ballistic Missile mission but across the disciplines identified in the PWS? Do these “tools” used at NASIC have to be certified in any way? For example, what is NASIC policy (beyond what is stated in NASIC 33-108)?

- NASIC is moving to retire all legacy languages and rely predominantly on RedHat and Windows, but specific requirements could be for various languages depending on the system and tool. Yes, all S/W must be approved by NASIC SC prior to entry/Installation on any network. These procedures are the responsibility of the requiring Government office and the Program Manager for the task order. 33-108 is the guiding document, but it is under revision. Additionally, NASIC is working to produce more overarching guidance and governance, but those documents are in draft status. As of today, the NASIC CSRD process, initiated by the Government Program Manager, is the process for all IT-related actions.

21. Attachment 2, Section 4.3 states, The Government reserves the right, but is not obligated, to conduct a realism analysis. Will the government consider adding this statement to the evaluation criteria in Attachment 3, Section 1.3 for clarity?

- No.

22. General – Is the GSA proposed category selection limited to a particular SIN#?

- Quoted labor categories must be in your schedule contract or added to your schedule contract by time of award. This has been solicited under 871-1 through 871-4. If forming a CTA, then members can use labor categories from their respective schedules, even if that schedule is not within 871-1 through 871-4 – e.g. IT Schedule 70.

23. Attachment 2, Section 1.11 states that no smaller than a 10-point font should be used. Will the Government consider modifying this statement as follows to make graphics an exception? Page/Font/File Format: The page format shall have no less than a 1 inch

margin using no smaller than a 10-point font for all text (except for graphics and tables; graphics may use a smaller font as long as the text is legible).

- No.

24. If submitting a response utilizing the CTA structure, should all CTA Team Members (Including the Team Lead) separately upload their electronic quotes via GSA eBuy?

- If the CTA does not intend to use a lead for the CTA, then all members should upload a response. If the CTA intends to use a lead for the CTA, then it is preferred that only the lead upload a response.

25. In the Performance Work Statement (PWS), 2.2 states that “Work performed will include obtaining data; performing technical analysis; developing assessments, evaluations, and predictions of capabilities; designing and assessing current, developmental and projected threat systems; providing reports related to worldwide developments”. Does “obtaining data” include funding of systems that would obtain data from terrestrial, airborne or spaceborne platforms to meet the needs specified in Section 5.0 Requirements of the PWS?

- No.

26. Can “Key Personnel” include individuals from subcontractors who are part of the Prime’s team?

- Please see answer to Q9.

27. Will there be any scope or work from the Task Orders that could be performed at an unclassified level or a lower security classification (such as Secret)?

- No.

28. Can the contractor propose to a specific requirement in section 5.0 or do they need to cover a whole area of requirements (e.g.. all of Integrated Air Defense Systems (IADS))?

- Please see Attachment 3 – Basis of Award. One of the considerations in selection for award is Past Performance Relevancy which includes demonstrating past performance in a variety of PWS task areas. Proposing to specific requirements (e.g. only 5.1 and 5.2 versus all of 5.1-5.9) limits the number of points that can be awarded and thus lowers chances for award.

29. For past performance that was performed by us as a subcontractor, who should complete the Past Performance Questionnaires? Is the Government customer, who was the end user and closely oversaw performance the preferred point of contact? We want to confirm we are sending questionnaires to the proper points of contact.

- A Government POC is preferred when available. If using a contractor POC, ensure doing so does not present a conflict of interest (i.e. a contractor rating a member of its own team).

30. In the ebuy system, the RFQ has a list of line items with reserved space for quotes for each line item. For example, Line T0001 is for the “BPA Base 5-year Ordering Period”, Line T1001 is for “BPA Option Year 1”. The RFQ description in ebuy notes “Please submit your quote only using the line items on the RFQ”. However, both the Basis of Award and Instructions documents of the RFP, only instruct offerors to provide labor categories, rates, discounts, and escalation for the 10-year ordering period. There are no instructions throughout the RFQ as to what offerors should submit in these line item quotes. What are offerors supposed to submit in this section on ebuy?

- This is default language included in eBuy. The Government will conduct its price evaluation as described in Attachments 2 and 3 of the RFQ, so it doesn’t actually matter what is input into the line items in eBuy. If the eBuy system does not allow a quote to be submitted without a dollar amount entered into each line item, then the Government recommends entering \$1.00 to each line item.

MEGASTAR Draft RFQ Q&A

As of January 22, 2019

1. The MEGASTAR DRAFT made no mention of a ceiling value for the BPA. What is the ceiling value for the 5 year base? What is the ceiling for the overall 10 year ordering period?
 - \$997M for the overall ceiling. This has been added to the draft RFQ Letter.
2. If two prime contractors from the same contract (e.g. two ATEP II primes) form a CTA for MEGASTAR, would they be permitted to submit two past performances for the same contract? For example, Company A and Company B are both prime contractors on Contract Z. If Company A and Company B form a CTA for MEGASTAR, could their MEGASTAR proposal include two past performances for Contract Z (one from Company A and one from Company B), or would they only be permitted to submit one past performance for Contract Z?
 - In this scenario, the quote could include two past performance efforts for Contract Z.
3. During MEGASTAR execution, is there an intent on the Government side to hold Industry Days and/or provide task order forecasting?
 - This is undetermined at this time.
4. Attachment 3 section 1.2.2 mentions that each PWS “relevancy area” is worth 1 point. Can partial points be awarded during the evaluation or only full points?
 - Only full points
5. Attachment 2 Section 3.3 (Organizational Structure Change History) does not specify a page count limit. Is there a page count limit for the “Organizational Structure Change History”?
 - No.
6. The DRAFT RFQ does not mention that CTA Agreements or Prime-Subcontractor Teaming Agreements be included in the submission. Should CTA Agreements and/or Prime-Subcontractor Teaming Agreements be included as part of the proposal submission?

- This has been added.
7. There are two PWS Sections marked 5.1.1.2. It appears that the section marked “Integrated Air Defense Systems” should be removed as it is a duplicate of section 5.1.2.
- This has been corrected.
8. Attachment 1, PWS paragraphs 4.2 and 10.2 Are there current requirements for contractor provided facilities and equipment and if so, what are the specific requirements for facility size, security handling/processing levels, and types of systems/equipment needed?
- Specific facilities and equipment requirements will be specified on the individual task orders.
9. Attachment 1, PWS paragraph 8.5 This paragraph states that NASIC will accept nationally recognized experts and other personnel in various labor categories in lieu of specified degree requirement on a case by case basis. Can the government provide its definition of what it considers and what would qualify someone as a nationally recognized expert?
- This will be approved by the COR/PM on a case-by-case basis at the task order level.
10. Attachment 1, PWS paragraph 8.5 This paragraph states that NASIC will accept nationally recognized experts and other personnel in various labor categories in lieu of specified degree requirement on a case by case basis. Will the government grandfather in personnel that do not meet specific labor category requirements, but who have already been approved by NASIC on one of the predecessor contracts?
- This will be approved by the COR/PM based on experience, qualifications, and security clearance considerations.
11. Attachment 2, paragraph 3.3 Is the Organizational Change History subject to any page limitations?
- No
12. Attachment 3, paragraph 1.3 What methods/tools/guidelines will the government use to determine what constitutes a fair and reasonable offer?

- FAR 15.404-1(b)(2) provides a description of the methods the Government anticipates using.
13. Attachment 2, section 4.0/4.1: Would it be permitted for a contractor who is in their last period of their current GSA contract, that has no specific economic price adjustment clause escalation identified, but has submitted a proposal for new rates and expects a new contract to be issued prior to the award of this solicitation, to be able to utilize the new rates based on the highlighted section below? It is expected that they will be established as a new contract (as stated) but seems to comply with the terms issued “by the time of award”.
- Yes.
14. Attachment 2, paragraph 3.1: For CTA proposals will the government allow CTA members to submit their proposed discounted GSA schedule rates directly to the government separately from the CTA lead contractor along with any other information the CTA member deems proprietary?
- Yes. However, please keep in mind that the Government intends to include BPA pricing (i.e. labor categories and rates) within the BPA document itself.
15. 8.3 Key Personnel. Key Personnel are defined as those individuals who are essential to the work being performed. Key personnel proposed shall be qualified in the appropriate labor category. The contractor shall provide resume(s) in sufficient detail to allow the Government to assess the qualifications, experience, and security clearance level of the proposed key personnel. Are resumes only provided at the TO proposal level not for the BPA?
- The Government expects a “BPA Level” PM and appropriate staff to be identified, but they are allowed to bill their time to each task order.
16. The contractor's key personnel shall have valid TOP SECRET/Sensitive Compartmented Information (TS/SCI) security clearances and there shall be a sufficient number of appropriately cleared personnel to handle, store, work with, generate, and manage the classified information associated with these requirements. If gov’t approved unclassified software development or other work can be done off site at the contractors facility is it required for personnel to have TS/SCI?
- This will be approved by the COR/PM on a case-by-case basis at the task order level.
17. 4.1 Pricing Detail: Pricing must include the labor categories and rates to be used to accomplish the requirements of the PWS through the entire 10-year ordering period. Do you want us to include Company Site and Government Site labor rates for each labor category proposed?

- If the contractor utilizes separate off-site and on-site rates, then please include both rates for each labor category proposed.

18. 12.2 Any work to be performed on an observed holiday, shall be submitted for approval to the CO a minimum of 10 days before the work is to occur. Can contractor submit a list of holidays not observed by their company for approval for personnel to work on-site on these days at the start of the BPA?

- Yes. However, when 10 days is not available the COR/PM will approve on a case-by-case basis.

19. What SINs will be required in order to submit a quote?

871-1,

20. Is GSA willing to review any proposed CTAs in advance of the proposal submission?

- No

21. Do you have a sample CTA you can share.

- No.

22. When submitting the CTA with the quote, would you expect it to be included in the Contract Documentation portion of the quote?

- Yes, this has been updated in Attachment 2.

23. Is there a list of interested parties you can share.

- Not at this time.

24. Is there an expectation/ability for teams to change their CTA lanes in the road if teams' capabilities change over the life of the contract?

- This depends on what the CTA agreement says. Changes to the CTA agreement should be coordinated with and approved by the Government.

25. Will there be the possibility of an on ramp to an existing CTA team if added capabilities are needed, or an off ramp if teams within a CTA do not perform at the expected level?

- Currently there are no on/off-ramp plans.

26. Would you be open to the idea of a small business (perhaps CTA) award and large business (perhaps CTA) award? This would mean you get the small business credit, new innovation and still gives access to the big incumbents that may be needed.

- This is not a small business set-aside (either total or partial) but small businesses are not excluded from submitting a quote. As we anticipate making multiple awards, it is possible that a small business CTA and an other than small business CTA could each receive an award.

27. RFQ Letter, Section 2: The RFQ letter states that offers will be required to submit a technical response as defined in Attachment 2; however the technical response is only covered by the Past Performance Questionnaire answers. Does the government intend to request a separate Technical Volume?

- The language of the letter will be revised to make this clearer, but there are four portions of the quote: Management, Past Performance, Price, and Contract Documentation.

28. Will the government require a separate subcontracting plan in support of CTAs?

- No, subcontracting plans are maintained on the GSA schedule contract.

29. Attachment 2, Section 3.1; Contractor Teaming Agreement (CTA): Does the government intend to include the CTA's created by the offerors in their evaluation criteria. If so, how and do you ensure the continuity of that evaluation when no guidelines have been provided via the RFP.

- The Government does not have a separate evaluation factor specifically for evaluating and rating the construct of CTA agreements.

30. See Attachment 1, Section 11.3: Does the government intend to require all individuals to complete a new SF86 regardless of current access?

- No.

31. See Attachment 2, Section 3.1: The government states that the "Offeror" must list at least three (3) and up to five (5) recent and relevant references. It is our interpretation that the term "Offeror" is intended to mean "contractor team" and that references can be submitted from both the prime and major subcontractors. Can the Government please confirm if our interpretation is correct?

- This interpretation is not correct. "The Government will only consider contracts submitted by the prime contractor or contractors under a Contractor Team Arrangement (CTA)."

32. See Attachment 2, Section 4.3: Does the government intend to implement the use of an IGE to evaluate the contractors offer to determine if their pricing is fair and reasonable?
- FAR 15.404-1(b)(2) provides a description of the methods the Government anticipates using.
33. Attachment 2, Section 1.3 Assumptions: Are offeror's allowed to include general pricing assumptions that include the basis for an offeror's quote?
- Assumptions aren't expressly prohibited. However, including assumptions in a quotation may result in that quotation being excluded on grounds that it failed to comply with the RFQ's instructions.
34. See Attachment 2, Section 3.0: Can two Primes under the same contract submit their respective Past Performance Quals (PPQ) and be treated as two scorable PPQs if they have entered into a CTA agreement?
- Yes.
35. Reference: Draft Attachment 2, Instructions, Section 2.1 regarding 15 page limitation for Management section and DRFP Attachment 3, Basis for Award, Section 1.1.3.2, Staffing Plan Criteria 2. Question: We suggest that the table(s) and specifically any response to 1.1.3.2 be excluded from the 15 page limitation for the management volume identified in the Attachment 2, Section 2.1. Given that most Offerors will likely propose a "Contractor Teaming Arrangement" approach thus utilizing each CTA team member's rates and labor categories. Therefore, the team's providing the "[t]he education, experience, special skills, and any applicable certifications or clearances for the proposed labor categories" could be a lengthy table/document/Excel spreadsheet and – in and of itself – may approach or exceed 15 pages. For instance, in our draft response to this particular section, we used four pages for just our labor categories.
- Increased to 35 pages.
36. Reference: Draft Attachment 2, Instructions, Section 3.3, Organizational Structure Change History. Questions: (a) Is the Government requesting the change history of only the "team lead" if a Contractor Teaming Arrangement approach is being offered or is such history requested for all team members to the CTA? (b) Is it correct to assume there is no page limitation associated with this Section 3.3, Organizational Structure Change History, especially if each team member is required to respond to this section?
- An organizational structure change history should be provided for all members of the CTA. There is no page limitation associated with the organizational structure change history.

37. Reference: MEGASTAR PWS, Section 5.1.1.2. We note there are two paragraphs associated with 5.1.1.2. Will these and the successor numbering scheme for that section be corrected in the final solicitation?

- This will be corrected.

38. For CTA proposals will the government allow CTA members to submit their proposed discounted GSA schedule rates directly to the government separately from the CTA lead contractor along with any other information the CTA member deems proprietary?

- Yes. However, please keep in mind that the Government intends to include BPA pricing (i.e. labor categories and rates) within the BPA document itself.

39. Can our proposal be UNCLASSIFIED//FOUO?

- Yes.

40. Will GSA and NASIC accept a CTA construct where different CTA members can be task order leads on different tasks and where the task order lead (not the prime contract holder) is the company that interacts with the Government for that specific task? In this construct:

The task order lead would submit task order bids directly to GSA (only one submittal would come from the CTA team)

Task order awards would be awarded directly to the task order lead

After task order award, the task order lead would be responsible for managing the task, interacting directly with the Government customer, invoicing directly to GSA, submitting monthly reports etc.

In other words, is this CTA construct acceptable? Or does GSA and NASIC want task order proposal submissions/task order awards/invoices/monthly reports/etc. be passed through a single CTA Team Lead (prime contract holder)?

- Under a CTA, all team members have privity of contract as they would as a prime contractor in a traditional prime/subcontractor relationship. There are a myriad of constructs for forming a CTA. I'll provide a couple of examples using a hypothetical scenario. Suppose three companies, Company A, Company B, and Company C decide to form a CTA.

Example CTA 1 – Company A, Company B, and Company C decide that Company A will be the lead team member for the CTA. In this construct, the Government would issue one BPA award document to Company A. Company A would handle all contract administration, submit responses to task orders, and handle invoicing/payment. All orders would be issued to Company A. However, the “performance” lead on any given task order could be Company A, Company B, or Company C.

Example CTA 2 – Company A, Company B, and Company C do not designate a lead member for the CTA. In this construct, the Government would issue a BPA document to each team member. When responding to task order requests, the CTA would decide whether Company A, Company B, or Company C will be the “performance” lead for that task order. The “performance” lead for the task order would submit the task order response and subsequently handle all contract administration and invoicing/payment for that task order.

The Government does not have a preference with respect to either of these examples. The CTA must submit the CTA Agreement with their quote. The Government will review the CTA Agreement to ensure that it understands how the arrangement will work. This requirement has been added to the RFQ Instructions.

41. Can contractors create CTAs utilizing a GSA PES and Schedule Contract? Essentially a CTA with two different GSA schedules?
 - Yes.
42. Which factors determining past performance relevance (ie. "performing intelligence analysis" etc.) does the Government see software development of intelligence tools fitting within?
 - The Government can't determine this without seeing the specific past performance effort. However, depending on this details this could potentially fall under performing intelligence analysis or designing and assessing current, developmental, and projected threat systems.
43. Is it acceptable and allowable for a contractor to submit past performance for work that was performed as a subcontractor?
 - Yes. A prime contractor (or CTA member) can submit past performance for work that they performed as a subcontractor.
44. Should past performance submissions be based upon the task order level or at the IDIQ level?
 - Either.
45. Historically, the predecessor efforts all utilized the Professional Engineering SINs 871-1 through 871-6. Does the Government anticipate to still use these SINs? Will there be any additional SINs used?
 - This will be solicited under SINS 871-1 through 871-4.

46. Will all team members of a CTA be given authorization to invoice and receive payment of MEGASTAR within the ITSS portal during execution of the effort? If not, how will invoicing and payment be handled? Furthermore, will all members of a CTA be provided access to the contract award and modifications in the ITSS portal?
- This depends on the construct of the CTA. If the CTA chooses a lead team member for contract administration, then the award and invoicing/payment will be done through the lead team member. If the CTA does not choose a lead member, then the award and invoicing/payment will be done through each team member on their respective task orders.

Performance Work Statement (PWS)

Intelligence Support

**National Air and Space Intelligence Center (NASIC)
Wright-Patterson Air Force Base, Ohio**

Last updated: ~~06-December-2018~~22 February 2019

1.0 BACKGROUND

1.1 These requirements are currently satisfied under General Services Administration (GSA) Blanket Purchase Agreements (BPAs): **ID05140109**, GS05Q15BMA0015, Counterspace Analysis Support Program II (CASP II); **ID05140125**, GS05Q15BMA0030, HAVESTAR VII; **ID05150022**, GS05Q15BMA0021, GS05Q15BMA0022, Foreign Air, Space and Technologies IV (FAST IV); **ID05160031**, GS05Q17BMA0005, GS05Q17BMA0006, SIGINT Engineering Support Services III (SESS III.)

2.0 SCOPE OF WORK /OBJECTIVE

2.1 The purpose of these requirements is to perform scientific and technical intelligence analysis supporting NASIC, United States (U.S.) Air Force, Department of Defense (DoD) and National Level intelligence efforts. The mission areas supported under this PWS are: Air; Cyberspace; Space and Counterspace; Ballistic Missiles; Forces, Technologies and Infrastructures; Open Source Intelligence (OSINT); Human Intelligence (HUMINT); Signals Intelligence (SIGINT); Training.

2.2 Work performed will include obtaining data; performing technical analysis; developing assessments, evaluations, and predictions of capabilities; designing and assessing current, developmental and projected threat systems; providing reports related to worldwide developments.

2.3 The analysis and evaluation of capabilities, performance, and vulnerabilities is based upon analysis of all available and relevant intelligence information, "all source" intelligence information, and will be used to support evaluations, assessments and long-range forecasts of foreign developments.

2.4 The number and depth of specialized areas of these analyses require specialists of exceptionally high competence in the areas of military systems, operations, and trained to recognize subtleties in foreign developments which may directly impact current and future military operations and weapons developments.

2.5 These requirements support the creation, evaluation and analysis of intelligence data on foreign developments in current and future weapon systems, subsystems, and technologies impacting Air, Space, Cyberspace, Missiles, Information Operations and other new initiatives.

2.6 These requirements develop and maintain analytic tools, techniques, and knowledge databases consistent with NASIC corporate strategies where applicable which include the Threat Modeling and Analysis Program (TMAP) and the Knowledge Prepositioning System (KPS) used in performing and delivery of detailed analysis of air and space forces, Counterspace, information operations systems, subsystems and associated Command, Control, Communications, Computers (C4).

2.7 These requirements provide a well-rounded team of intelligence professionals capable of meeting the challenges posed by foreign developments, increased analytical technical expertise across all aspects of the NASIC mission, cultivate a collaborative environment across the intelligence and DoD communities, develop and exercise relationships within NASIC and with external organizations to enhance understanding of capabilities, processes, and requirements, and develop and sustain effective Knowledge Management tools and processes.

3.0 APPLICABLE DOCUMENTS

Specifics with regards to requirements information/documentation and guidance (e.g. PWS, QASP, etc.) will be determined and solicited on an individual Task Order (TO) basis.

4.0 PROGRAM/PROJECT MANAGEMENT

4.1 The contractor shall provide a Program Manager to provide total BPA management. For each TO, the contractor shall provide a Project Manager to provide total TO management. The Program Manager shall serve as the primary point of contact to the GSA Contracting Officer (CO) for all technical aspects of the required work.

4.2 If work cannot be accommodated at the Government facility, the contractor shall provide all labor, facilities, and non-Government Furnished Equipment (non-GFE) to successfully complete all requirements. The contractor shall provide the necessary resources to plan, implement, and manage the tasks set forth below either on-site or off-site as required in each individual TO to the extent provided by the available man-hours.

4.3 Project Management Plan (PMP). The contractor shall create and maintain a PMP for each order. The PMP shall describe, as a minimum, the resources necessary to accomplish the PWS. The PMP shall be completed and certified by the contractor, the NASIC/Government Client Representative (CR), and the GSA CO within 30 calendar days after award of TO.

4.4 The contractor shall provide up-to-date status, individually for each TO with an active period of performance, through Monthly Status/Financial Reports. Monthly Status/Financial Reports shall be unclassified and shall include details on the following items for each previous time period: (1) Best up-to-date estimate of hours worked and expected charges, including those of subcontractors; (2) status of work performance; (3) any problems or concerns encountered that may impact cost or schedule; (4) status of open items from previous reports;

(5) any suggested solutions; (6) personnel changes; (7) proposed government actions; (8) a summary chart of the current financial status on all contract line item numbers (CLINs) (labor, other direct costs (ODCs)/travel, material).

4.5 The contractor shall provide up-to-date status, individually for each TO with an active period of performance, through quarterly Program Management Reviews (PMRs). The contractor's Program Manager shall be required to present oral program reviews as requested by the NASIC/Government CR.

4.6 The contractor shall prepare written documentation on the results of tasking to include verbal and written comments, informational memorandums and letters, meeting minutes, specialized technical reports and papers, and final report and studies as defined in individual TOs. Present briefings on government selected studies, models, or analyses associated with task efforts to various intelligence organizations, committees, or panels as defined in the individual TOs by the government. The contractor shall prepare and present the briefings to the government appointed experts prior to the actual presentation, to ensure content accuracy and that security considerations are properly addressed and followed.

4.7 Maintain a complete listing of classified material issued by the government and maintained at the contractor's facility in performance of this contract to include, the title of the material; the origination date; the overall classification; the type of material (i.e. report, electronic media, etc.); the number of copies held; and any other information necessary to identify the inventory. The contractor shall obtain written approval by the NASIC/Government CR prior to the release of any classified material. The contractor shall provide the NASIC/Government CR with a destruction certificate for all classified material that is destroyed.

5.0 REQUIREMENTS

5.1 **Air.** The contractor shall perform scientific and technical analysis in the following areas: Air Systems; Integrated Air Defense Systems (IADS); Air Ordinance and Cruise Missiles; Air and Missile Defense Surveillance Systems. This includes analysis of associated Cyberspace capabilities, dependencies, and vulnerabilities.

5.1.1 **Air Systems.** The contractor shall provide analysis of current and future technical characteristics and capabilities of foreign military and dual-use civilian systems including fighters, bombers, special mission aircraft and unmanned aerial vehicles (UAVs) (to include weapons, platforms, sensors, and countermeasures) in development or operation and the actual lethal effect when employed against U.S. and allied forces.

5.1.1.1 **Air System Analysis.** The contractor shall analyze data from intelligence sources, such as SIGINT, Geospatial Intelligence (GEOINT), Electronic Intelligence (ELINT), Measurement and Signature Intelligence (MASINT), HUMINT, foreign materiel exploitation and open sources to assess the capabilities, performance, vulnerabilities, and anomalous activities of foreign air weapons and associated systems and subsystems.

5.1.1.2 **Integrated Air Defense Systems (IADS).** The contractor shall perform analysis of technical characteristics, capabilities, performance, limitations, combat effectiveness, and

vulnerabilities, of a countries ability to operate its IADS in both peacetime and wartime situations.

5.1.1.2 Air System Sub-System Analysis. The contractor shall analyze subsystem development and use of electronic devises and technologies, including navigation, avionics, communications, flight controls, controls and displays, airborne computers, and their associated interconnecting systems; air-based directed energy weapons, including lasers, radiofrequency, and high-power microwave weapons; identification friend or foe (IFF) systems; radar equipment types such as surveillance, navigation, mission and gun fire control; and related electronic warfare systems.

5.1.1.3 Air System Design Analysis. The contractor shall perform analysis of all static and dynamic characteristics of the weapon system (i.e., detailed external configuration; location and performance of internal avionics, electronics, antennas, and other subsystems; construction techniques and materials; flight control; flying/handling qualities; propulsion systems; armament, etc.).

5.1.1.4 Air System Development Analysis. The contractor shall analyze design, fabrication, and wind tunnel testing of air system and system component models to define the aerodynamics associated with the vehicle over the expected flight regime. The contractor shall evaluate combat capability, reliability, maintainability, and survivability.

5.1.1.5 Air Vehicle Signatures Analysis. The contractor shall collect and analyze, and/or analytically derive, signatures (visible, ultraviolet, infrared (IR), radar, etc.) of foreign air vehicles and associated subsystems.

5.1.1.6 Air System Engagement Analysis. The contractor shall conduct scientific and technical analysis and assessments of foreign military systems capabilities, strengths, vulnerabilities (including Cyberspace, electronic warfare, and information operations), associated technologies, associated Command, Control, Communications, Computers, and Intelligence (C4I) systems, and operations of systems. The contractor shall assess the combat effectiveness of threat aircraft weapon systems. The contractor shall evaluate the aircraft as a completely integrated system combining the airframe, weapons, radars, avionics, electronics, command and control, communications, fire-control and signature information. The contractor shall analyze include man-in-the-loop simulation assessment techniques.

5.1.1.7 Air Weapon Systems - Detailed Characterization. The contractor shall perform in-depth analysis of foreign air weapon subsystem characteristics and performance based on foreign hardware or extensive foreign technical documentation. The contractor shall integrate analysis results into total system capability assessments. The contractor shall analyze and determine the function of air weapon components and subsystems such as avionics, seekers, guidance systems, propulsion systems, signature control systems, materials, etc. The contractor shall assess these components and subsystems both individually and as a part of the overall air weapon system.

5.1.1.8 Air Vehicle Analytic Methodology and Tools. The contractor shall analyze and create aerodynamic vehicle analytic methodologies that shall improve on the techniques

currently used to evaluate technical intelligence data and perform engineering analysis. Methodologies shall emphasize new approaches that provide increased analytical detail and accuracy. The contractor shall evaluate and/or modify current analytical tools and modeling software and develop new analytical tools as required.

5.1.1.9 Air Weapon System Modeling. The contractor shall perform modeling/digital simulation in the area of aerodynamic weapon systems. The contractor Simulation development shall include software development, software verification, data generation, and data verification.

5.1.1.10 Air Vehicle Signatures Models. The contractor shall create, modify and maintain computer code and models used to analyze and derive signatures of foreign air vehicles and associated subsystems.

5.1.1.11 Air System Engagement Models. The contractor shall analyze the combat effectiveness of threat aircraft weapon systems. The contractor shall develop and modify computer code and threat models to reflect system performance characteristics of threat aircraft weapon systems. The contractor shall conduct and document foreign aerodynamic flight simulation analysis to include mission planning, flight profile modeling, attack simulation, and attack scenarios.

5.1.2 Integrated Air Defense Systems (IADS). The contractor shall perform analysis of technical characteristics, capabilities, performance, limitations, combat effectiveness, and vulnerabilities, of a countries ability to operate its IADS in both peacetime and wartime situations.

5.1.2.1 Integrated Air Defense Systems (IADS). The contractor shall assess the operational effectiveness of threat IADS including visualizing a completely integrated system combining aircraft, radar, links and nodes, missiles, tactics, doctrine, battle management, and order of battle.

5.1.2.2 IADS Systems Analysis. The contractor shall include system-of-system analysis of current and future capabilities of foreign threat countries to integrate/coordinate/operate their air defense assets (including air surveillance sensors, command, control, and communications and computers systems, and air defense weapon systems) and assessment of the characteristics, strengths, and limitations/exploitable weaknesses of the entire macro-level foreign IADS as a whole.

5.1.2.3 IADS Modelling and Simulation. The contractor shall perform modeling and simulation software development and verification, database management, and enhanced 3D scene visualization capability (includes development of web-based reach-back to NASIC analysis exploiting the KPS database.)

5.1.3 Air Ordinance and Cruise Missiles. The contractor shall perform analysis of technical characteristics, signatures, capabilities, performance, limitations, combat effectiveness, vulnerabilities, and proliferation of air-to-air and air-to-surface ordinance, air-launched ballistic missiles, cruise missiles (all types including anti-ship, ground-launched ground attack, nuclear and conventional) and any associated electronic devices and technologies.

5.1.3.1 Engineering Analysis. The contractor shall perform engineering analysis on current and projected foreign air-to-surface missiles, cruise missiles (air, ground, and sea launched), UAVs, and unguided munitions addressing engineering designs, performance assessments, guidance and control, avionics, warhead, and fusing.

5.1.4 Air and Missile Defense Surveillance Systems (Ground-based and Airborne Electronic Systems). The contractor shall perform analysis of technical characteristics, signatures, capabilities, performance, limitations, combat effectiveness, vulnerabilities, and proliferation of land-based radar equipment including air defense early warning; SAM-associated radars with a primary function of target acquisition/air surveillance/early warning; ballistic missile early warning/over the horizon, navigation, air traffic control, and ground-controlled and air-controlled intercept radars; materials; data links associated with these systems.

5.1.4.1 System Analysis. The contractor shall provide analysis of current and future foreign ground-based and airborne electronic systems, which include the designs, operational capabilities and limitations, detailed system characteristics, and threat to U.S. systems. The contractor shall provide the expertise to define the design parameters and obtain detailed system performance characteristics on proliferated and developmental foreign electronic systems.

5.1.4.2 Electronic and Directed Energy Systems Analysis. The contractor shall perform research and technical analysis of foreign countries' electronic and electro-optic systems/subsystems, directed energy weapons, fire control systems, integrated avionics systems, airborne and ground-based radar systems, electronic combat systems, and associated databases and models.

5.1.4.3 Electronic Databases. The contractor shall obtain, analyze, catalog, and maintain parametric data which describes foreign threat radar systems.

5.1.4.4 Threat Software Analysis. The contractor shall supplement, enhance, and improve the quality of NASIC's threat analysis. The contractor shall provide specialized engineering/ technical analysis expertise to assist NASIC in its role of analyzing foreign software-driven threat systems.

5.2 Cyberspace. The contractor shall perform scientific and technical analysis in the following areas: actual or potential application of foreign Cyberspace threats to U.S. and allied air and space operations and associated combat support systems, networks, data, and forces including foreign Cyberspace R&D, capabilities, actors, doctrine, tactics, techniques, procedures, strategy, employment (current and future), and dependencies that threaten U.S. and allied air and space operations.

5.2.1 Cyberspace Operations Analysis. The contractor shall assess the characteristics, capabilities, and vulnerabilities of foreign military air, air defense, Counterspace, and space command and control processes, information systems and networks of systems and telecommunications and computer networks whether wired or wireless, ground, air, or space-based; assess how they are used to enable foreign military operations and terrorist activities.

5.2.2 Information Operations Analysis. The contractor shall analyze assess the capabilities and limitations of foreign information operations (IO) activities to help NASIC assess the foreign IO threat to US information and satellite systems operations, and mission.

5.2.3 System Vulnerability Analysis. The contractor shall analyze assess the characteristics, capabilities, and vulnerabilities of foreign weapons, air, space, and Supervisory Control and Data Acquisition (SCADA) systems and networks in addition to analyzing Cyberspace threat to U.S. weapons, air, space, and SCADA systems.

5.2.4 Malicious Software Analysis. The contractor shall analyze assess characteristics, capabilities, and limitations of malicious software as well as of techniques and implants to tamper with computer hardware. The contractor shall design, implement, and maintain modeling, simulation, database, and training tools.

5.3 Space and Counterspace. The contractor shall perform scientific and technical analysis in the following areas: Space and Counterspace Systems; Modeling and Tool Development; Advanced technologies; Anti-Satellite Capability; NAVWAR Assessments. Includes analysis of associated Cyberspace capabilities, dependencies, and vulnerabilities.

5.3.1 Space and Counterspace Systems. The contractor shall analyze technical characteristics, performance, signatures, capabilities, limitations, effectiveness, vulnerabilities (including Cyberspace, electronic warfare, and information operations) and employment of all systems (current and projected military, civil, and scientific systems and support systems), sensors, facilities, and hardware normally considered part of current and projected space/Counterspace platforms, programs, networks and support systems and associated C4I systems.

5.3.1.1 Space and Counterspace Threat System Analysis. The contractor shall analyze intelligence data from sources such as SIGINT, GEOINT, MASINT, HUMINT, open sources, and foreign materiel exploitation to assess the characteristics, performance, and vulnerabilities of foreign and Non-Government Organizations (NGO) Space/Counterspace systems and to understand anomalous system behavior.

5.3.1.2 Space and Counterspace Threat Systems Detailed Characterization. The contractor shall analyze foreign and NGO Space/Counterspace and Space/Counterspace support systems and subsystems to determine characteristics and performance based on foreign and NGO hardware and extensive foreign technical documentation including the integration of analysis results into total system capability assessments. The contractor shall analyze and determine the capabilities of Space/Counterspace components and subsystems to include hardware and software intended both for on-orbit and ground applications.

5.3.1.3 Spacecraft and Threat Signatures. The contractor shall collect and analyze, and/or calculate, spacecraft signatures (visible, infrared, radar, ultraviolet, x-ray, gamma). The contractor shall measure and/or assess emissivity and absorbance for satellite surfaces and shall compare calculated signatures to measured signatures, when possible.

5.3.1.4 Space System Employment. The contractor shall provide assessments on foreign countries' and NGOs' use of space-based services for intelligence, surveillance, and

reconnaissance (ISR), communications, and navigation applications including the use of both indigenous military, civil satellite systems, and space-based services available either commercially or through data sharing agreements. The contractor shall create tools and analytic methodologies to produce assessments of space system employment.

5.3.1.5 Space Mission Control. The contractor shall provide assessments of foreign countries' and NGOs' current and projected capabilities to identify, track, control, or make use of data from space systems via ground, ocean and space-based platforms. The contractor shall analyze identification and tracking systems including both cooperative and non-cooperative systems and methods to identify spacecraft functions, capabilities, and orbital parameters of both individual spacecraft/equipment and networks of spacecraft/equipment.

5.3.1.6 Space Launch Vehicles & Facilities. The contractor shall perform analysis on foreign space launch vehicle programs to include design and performance characteristics, reliability assessments, worldwide launch market evaluation, and space launch facility design, construction, and operations.

5.3.1.7 Space Systems Operations. The contractor shall provide analysis on command and control of foreign space systems to include the physical, temporal, and hierarchical structure associated with foreign task processing, evaluation, and dissemination (TPED).

5.3.1.8 Foreign Cyberspace Threat Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Cyberspace threats to space systems and provide engineered assessments of those capabilities.

5.3.2 Space and Counterspace Modeling and Analysis Tool Development. The contractor shall develop or modify software tools and shall provide training, both oral and written, on the software programs.

5.3.2.1 Space and Counterspace Threat Design and Computer Aided Design (CAD) Computer Modeling. The contractor shall perform design-level studies and develop highly detailed 3-D geometric computer models of foreign spacecraft and Counterspace capabilities. These studies shall include detailed technical assessments of subsystems (sensors, guidance and control, power, structures, thermal control, etc.). The contractor shall assess all static and dynamic characteristics (i.e., external configuration, layout and location of internal subsystems, antenna and solar panel motion, construction techniques, and materials descriptions). The contractor shall apply engineering judgment consistent with foreign design practice should be used to complete the threat description where intelligence gaps exist. The contractor shall provide models in an industry standard portable format.

5.3.2.2 Space and Counterspace Threat Design and Functional Modeling. The contractor shall perform design-level studies and develop highly detailed models of foreign spacecraft based on NASIC approved processes of modeling using MATLAB/Simulink. These studies shall include detailed technical assessments of all major subsystems (sensors, guidance and control, power, structures, thermal control, etc.) as well as payloads. The models shall be developed so as to operate in a stand-alone environment for external clients

as well as for internal use for analysis. The contractor shall provide detailed modeling of the space environment to simulate the effects of the environment on the threat. The contractor shall apply engineering judgment consistent with foreign design practice should be used to complete the threat description where intelligence gaps exist. The contractor shall provide models in an industry standard portable format.

5.3.2.3 Spacecraft and Threat Optical Payload Modeling. The contractor shall perform design-level studies and construct highly detailed foreign optical satellite payloads. These studies shall include detailed design and technical assessments on the components that compose the optical payloads along with the functional performance of the payloads using industry standard tools. The analysis shall leverage all available and relevant sources of intelligence data as well as additional engineering sources of information. The contractor shall apply engineering judgment consistent with foreign design practice should be used to complete the threat description where intelligence gaps exist. The contractor shall provide models in an industry standard portable format.

5.3.2.4 Space and Counterspace Threat Modeling. The contractor shall perform modeling/digital simulation in the area of space defense including simulation software development & verification, and data generation & verification.

5.3.3 Advanced Space and Counterspace Technologies. The contractor shall analyze emerging space technologies that have impacts on space development and operational systems.

5.3.3.1 Signature Reduction Analysis. The contractor shall assess foreign capabilities to achieve signature reduction on aerodynamic, ballistic missile, and other space systems in the areas of Radar Cross Section (RCS) (including analysis of advanced technologies), IR, and electronic emissions.

5.3.3.2 Electromagnetic Analysis. The contractor shall analyze electromagnetic codes, tools and techniques for application to specific signature intelligence analytic issues.

5.3.3.3 Laser Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Counterspace laser systems, associated infrastructure, and provide engineering assessments of those capabilities.

5.3.3.4 Electronic Warfare Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Counterspace electronic warfare capabilities, associated infrastructure, and provide engineering assessments of those capabilities.

5.3.3.5 Command, Control & Communication (C3) Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Counterspace C3 systems, associated infrastructure, and provide integrated assessments across the physical and virtual C3 domains.

5.3.3.6 Operational Space Intelligence Support. The contractor shall provide support to strategic and operational space intelligence requirements. The contractor shall input,

manage, and coordinate data relevant to foreign Counterspace operations and the facilities and equipment associated with these operations.

5.3.3.7 Space Intelligence Preparation of the Battlespace Intelligence Reporting. The contractor shall provide support to provide information research and database inputs to maintain and enhance SMD digital production.

5.3.3.8 Space Object Surveillance & Identification Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign SOSI radar and optical systems, associated infrastructure, and provide integrated all-source assessments.

5.3.3.9 Regional Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Counterspace programs and provide integrated assessments of foreign Counterspace strategy, intent, and doctrine.

5.3.3.10 Anomaly Resolution Support. The contractor shall provide support to perform first-tier analysis of anomalous satellite events, determining their cause and source.

5.3.3.11 Signals Analysis Support. The contractor shall provide support to conduct detailed analysis and reporting of signals intelligence data.

5.3.3.12 Imagery Analysis Support. The contractor shall provide support to conduct detailed analysis of imagery intelligence data.

5.3.4 Anti-Satellite (ASAT) Analysis. The contractor shall provide assessments of foreign countries' and NGOs' abilities to interfere with satellites and satellite links (command, control, and data). Assessments shall include capabilities and limitations of individual systems and networks of systems.

5.3.4.1 Anti-Satellite Capability Analysis. The contractor shall analyze foreign ground-based, sea-based, air-based, and space-based anti-satellite systems; including conventional, nuclear, directed energy weapons, or ballistic missile defense systems used in an anti-satellite role.

5.3.4.2 Direct Ascent Anti-satellite Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign direct ascent anti-satellite weapons systems, associated infrastructure, and provide engineering assessments of those capabilities.

5.3.4.3 Nuclear, Directed Energy and Kinetic Anti-satellite Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign nuclear, directed energy and kinetic anti-satellite weapons systems, associated infrastructure, and provide engineering assessments of those capabilities.

5.3.5 Integrated Navigation Warfare (NAVWAR) Assessments. The contractor shall assess Global Positioning System and space-based Position, Navigation, and Timing (PNT) integration into threat weapons potentially used against U.S. and allied forces, and encompasses associated doctrine, tactics, and employment.

5.4 Ballistic Missiles. The contractor shall perform scientific and technical analysis of foreign ballistic missile systems in the following areas: detailed external configuration; location and performance of internal components, technologies, and other subsystems; construction techniques and materials; guidance and control systems; propulsion systems; reentry systems, countermeasures, and ground support equipment.

5.4.1 Ballistic Missile Systems. The contractor shall perform analysis including static and dynamic characteristics of the weapon system (i.e., including the evaluation of operational capability, reliability, maintainability, survivability, vulnerabilities, proliferation of critical components, technology, production capability, specialty materials, or expertise to countries or groups hostile to the U.S. national security interests. Includes analysis of associated Cyberspace capabilities, dependencies, and vulnerabilities.

5.4.2 Ballistic Missile System Analysis. The contractor shall analyze data from intelligence sources such as SIGINT (signals intelligence), GEOINT (imagery), ELINT (electronics), RADINT (radar), HUMINT (human), foreign materiel exploitation, and open sources to assess the capabilities, performance, vulnerabilities, and anomalous activities of foreign ballistic missiles and associated systems and subsystems.

5.4.3 Ballistic Missile Sub-System Analysis. The contractor shall perform engineering analysis on current and projected foreign ballistic missile systems and subsystems. The analysis shall address engineering designs, performance assessments, airframe, propulsion, guidance and control, reentry vehicles, warheads, countermeasures, and penetration aids

5.4.4 Projected Ballistic Missile Systems. The contractor shall provide analysis of project foreign ballistic missile system capabilities, performance, and vulnerabilities, for a period of at least 20 years into the future, including assessment of operational needs/deficiencies; analysis of doctrine and doctrinal requirements; assessment of technological capabilities to support requirements, including identification of plants, factories, institutes, and personalities that are related to specific enabling technologies; assessment of sources or recipients of technology transfer; development of feasible conceptual designs that could fulfill mission requirements; and estimates of probable deployment dates.

5.4.5 Ballistic Missile System Signatures. The contractor shall analyze, and/or analytically derive, signatures (visible, ultraviolet, IR, radar, etc.) of foreign ballistic missiles and associated subsystems.

5.4.6 Ballistic Missile System Operational Analysis. The contractor shall assess the operational effectiveness of foreign ballistic missile weapon systems. The contractor shall evaluate the weapon as a completely integrated system combining the ballistic missile, ground support equipment, deployment facilities, command/control/communications, and signature information with country-specific associated doctrine and tactics. The contractor shall develop and modify computer code, threat models, and threat visualizations to reflect overall system performance characteristics.

5.4.7 Ballistic Missile Flight Models. The contractor shall conduct and document foreign ballistic missile flight simulation analysis to include missile trajectory modeling, attack simulation, and attack scenarios.

5.4.8 Ballistic Missile Vulnerabilities. The contractor shall analyze foreign ballistic missile vulnerability and hardening to lasers (IR to X-ray wavelengths), particle beam weapons (neutral and charged), and kinetic energy weapons.

5.4.9 Ballistic Missile Analytic Methodology and Tools. The contractor shall review, analyze, propose, and create ballistic missile analytic methodologies that improve on the techniques currently used to evaluate technical intelligence data and perform engineering analysis. Methodologies shall emphasize new approaches that provide increased analytical detail and accuracy. The contractor shall evaluate and/or modify current analytical tools and modeling software and create new analytical tools as required.

5.5 Forces, Technology, and Infrastructure. The contractor shall provide scientific and technical analysis and assessment of current and future foreign services capabilities and technologies and infrastructure (operational C4ISR, air, air defense, and ballistic missiles) including analysis of capabilities of civil air organizations to support military operations, in leadership; strategy; doctrine; intent; operational art; tactics, techniques, and procedures, training curriculums; readiness systems; training doctrine, and threat perceptions. Includes analysis of associated Cyberspace capabilities, dependencies, and vulnerabilities.

5.5.1 General Threat Technology Assessments/Forecasts. The contractor shall provide engineering and scientific assessments and forecasts in the area of technologies and their military impact on current and future air, ballistic missile, Counterspace, and space system, subsystem, and component capabilities, performance, and vulnerabilities.

5.5.1.1 Basic Emerging, Disruptive, and Breakthrough Technologies. The contractor shall perform analysis, evaluation and projection of the discovery, development, or exploitation of advanced military technologies by foreign state or non-state actors including assessments of the developments and trends in foreign scientific and technical capabilities that impact future applications in military defense and national security to prevent technology surprise to the U.S. and allied forces.

5.5.1.2 Apparent Emerging Air and Space Applications. The contractor shall provide engineering and scientific assessments and forecasts in the area of emerging or breakthrough technologies and their applications to current and future air, air defense, ballistic missile, C4, space and Counterspace systems to include: directed energy, active and passive sensors, propulsion, fuels, electronics, computing, analytical techniques, cybernetics, power, structures, low observable, stealth, counter-stealth, materials, Cyberspace operations, and manufacturing processes; also includes: associated resources, and technology acquisition and transfer efforts, weapon system acquisition processes, and details on R&D strategies, policies, decisions, practices, resource allocations, and priorities.

5.5.1.3 Electronic Combat Capability Analysis. The contractor shall analyze foreign ground-based, sea-based, air-based, and space-based electronic combat capabilities. The

analysis shall examine the means to jam/spoof sensors and communication links, to include modeling.

5.5.1.4 Air and Missile Defense Suppression Analysis. The contractor shall analyze foreign air and missile defense suppression capability through the use of jamming, anti-radiation missiles, air-to-surface weapons (guided and unguided), ballistic weapons, special operations, and advanced technologies.

5.5.1.5 Non-Conventional Warfare Analysis. The contractor shall characterize foreign non-conventional warfare including, but not limited to special-purpose forces, terrorist activity, Radio Frequency (RF) weapons, and emerging technologies.

5.5.2 Technology Transfer & Proliferation Assessments/Forecasts. The contractor shall provide assessments and long-range forecasts in the areas of technology transfer and its military impact, ability of recipient countries to assimilate transferred technology, and proliferation of weapons of mass destruction and/or their delivery systems.

5.5.3 Denial and Deception Analysis. The contractor shall assess the denial and deception strategy, doctrine, operational art, organization, leadership, personnel, tactics, techniques, procedures and systems of foreign air and space forces. Assessments shall include but not be limited to technical analysis of denial and deception systems (decoys, camouflage netting, coatings, and other devices); operational analysis of employment of denial and deception at the tactical, operational and strategic levels; and predictive analysis of future denial & deception capabilities.

5.5.4 Infrastructure Assessments. The contractor shall perform analysis of service infrastructure, service modernization, service readiness, and service sustainability including assessments of the composition, demographics, disposition, logistics, strength, vulnerabilities, training status, tactics, combat effectiveness, mobilization, employment of forces, and other relevant information concerning the personnel, units, facilities, and equipment.

5.5.4.1 Leadership Assessments. The contractor shall conduct assessments of military air services leadership; their perceptions of the threat and their capabilities/vulnerabilities; their perception of the U.S.; their goals, motivations, and intentions; and their ability/capability to pursue them.

5.5.4.2 Civilian Air Systems Capabilities. The contractor shall perform analysis of technical characteristics capabilities, performance, limitations, effectiveness, and vulnerabilities of foreign civilian aircraft, their materials, production techniques, and related RDT&E programs.

5.5.4.3 Behavioral Influences Analysis. The contractor shall assess the influence vulnerabilities and susceptibilities of foreign air & space forces personnel, and personnel in other organization/groups of interest, at the operational level with emphasis on organizational and group dynamics. The contractor shall predict likely adversary intent and behavior, and formulate recommendations for influencing behavior to achieve the U.S. operational commander's desired effects.

5.5.4.4 Projected Air Systems and Forces Analysis. The contractor shall provide analysis of projected foreign air threat system capabilities, performance, and vulnerabilities for a period of at least 20 years into the future. The contractor shall develop feasible conceptual designs that could fulfill mission requirements; and estimates of probable deployment dates of foreign threat systems capabilities, performance, and vulnerabilities, for a period of at least 20 years into the future, including assessment of operational needs/deficiencies; analysis of doctrine and doctrinal requirements; assessment of technological capabilities to support requirements, including identification of plants, factories, institutes, and personalities that are related to specific enabling aerospace technologies; assessment of sources or recipients of technology transfer; feasible conceptual designs that could fulfill mission requirements; and estimates of probable deployment dates.

5.5.4.5 Projected Space and Counterspace Systems and Forces. The contractor shall create conceptual designs to fulfill mission requirements and estimates of probable deployment dates of space systems and forces of foreign countries and NGOs at least 20 years into the future. Assessments shall include analysis of the threat or spacecraft, payload, orbital characteristics, operations, mission control, and launch systems. The contractor shall provide analysis of project space systems and forces of foreign countries and NGOs at least 20 years into the future. Analysis shall include: operational needs/deficiencies; doctrine; employment concepts; technological capabilities to support requirements, including identification of plants, factories, institutes, and personalities that are related to specific space/Counterspace technologies; sources or recipients of technology transfer; development of feasible conceptual designs to fulfill mission requirements; and estimates of probable deployment dates. Assessments shall include analysis of the threat or spacecraft, payload, orbital characteristics, operations, mission control, and launch systems.

5.5.5 Operational Threat Environment. The contractor shall assess, analyze, and document the current, projected, and reactive operational environment.

5.5.5.1 Force Level Analysis. The contractor shall characterize foreign offensive and defensive force levels, roles and missions, doctrine, strategy, tactics, and training.

5.5.5.2 Socio-Economic and Other Factors Analysis. The contractor shall characterize foreign socio-economic, ethnic, political, religious, etc., factors that influence force levels, roles and missions, military doctrine, strategy, training, and tactics.

5.5.5.3 C4I Analysis. The contractor shall analyze foreign command, control, communications, computers and intelligence (C4I) infrastructure and capabilities.

5.5.5.4 Attack Capability Analysis. The contractor shall characterize foreign attack capabilities, including force size, composition, and attack timing, against both defended and undefended point and area targets.

5.5.5.5 Information Operations Analysis. The contractor shall characterize foreign information operations capabilities relative to information gain, exploit, attack, and defend.

5.5.5.6 Camouflage, Concealment and Deception Analysis. The contractor shall characterize the employment of foreign camouflage, concealment, and deception (CC&D)

equipment that supports foreign operation or strategic denial and deception activity. The contractor shall assess foreign nation capability to develop or implement CC&D technology that is employed to protect aircraft, ballistic missiles, selected ground vehicles, and strategic facilities, and assess its ability to deny or degrade U.S. ISR sensors, and the U.S. reconnaissance, surveillance, targeting, and acquisition capability.

5.5.5.7 Logistics Analysis. The contractor shall assess foreign logistics, support, and production capabilities.

5.5.6 Regional Air and Space Forces Analysis. The contractor shall assess the force structure, composition, leadership, personnel, strategy, doctrine, operational art, and tactics of foreign air and space forces and other organizations of interest, with emphasis on the integrated and synergistic employment of air, space and information capabilities to achieve strategic, operational and tactical effects. Analysis shall focus on current capability and predicting future capability up to 20 years in the future. In particular, provide assessments of military training and exercises, of air, space and missile forces, to include Information operations (electronic warfare, counter-space, cyber, etc.), in order to provide insight into intent and capabilities of the force.

5.5.7 Integrated Threat. The contractor shall assess, analyze, and document the current, projected, and reactive integrated threat, that is, the synergy of threat targets, system specific threats, and the operational threat environment that defines the complete war fighting capability of an adversary.

5.5.7.1 Systems Integration Analysis. The contractor shall analyze foreign capability to integrate offensive, defensive, and defense suppression operations to defeat or degrade current and future US offensive and defensive systems.

5.5.7.2 Theater Modeling Analysis. The contractor shall perform quantitative modeling of US/foreign strategic and theater exchanges.

5.5.7.3 Defensive Systems Modeling Analysis. The contractor shall perform quantitative modeling of US ballistic missile and/or other air and space defense systems to included architectures and related measures of effectiveness.

5.5.7.4 Foreign Perceptions Analysis. The contractor shall characterize foreign perceptions of current and future US offensive and defensive systems including weapons, sensors, communications, and countermeasures.

5.6 Open Source Intelligence (OSINT.) The contractor shall collect, process (to include translation of foreign language where applicable), exploit, and disseminate primarily foreign open source information and OSINT analysis to support the NASIC all-source mission and the broader Intelligence Community.

5.6.1 OSINT Analytic Methodology and Tool Development. The contractor shall review, analyze, propose, and develop OSINT analytic methodologies that improve on the techniques currently used to perform collection, processing (to include foreign language translation), exploitation, and dissemination of scientific and technical open source data.

Methodologies shall emphasize new approaches that promote enhanced OSINT analytic tradecraft. The contractor shall evaluate and/or modify current analytical tools and software and develop new analytical tools as required.

5.6.2 OSINT Translation Tool Development. The contractor shall create and maintain specialized analysis tools for translation of foreign language scientific and technical textual information in support of Open Source and all-source intelligence analysis and production including specialized machine translation routines and applications for Government use and ownership.

5.7 Human Intelligence (HUMINT.) The contractor shall collect HUMINT information and support HUMINT collection to support the HUMINT missions of NASIC, Air Force, and the Intelligence Community. Specialized HUMINT collection qualifications may be required.

5.8 Analyst Training. The contractor shall cultivate and exercise relationships with NASIC training personnel to maximize the benefits from existing NASIC opportunities. The contractor shall document and report the relevant findings.

5.8.1 Cadre of Mentors. The contractor shall identify and educate a cadre of mentors available to guide new NASIC analyst development. The contractor shall document with verbal and/or written presentations and technical reports.

5.8.2 Exercise Support Requirements. The contractor shall conduct exercise scenario development and execution to define/determine where additional analysis and development needs are required. The contractors shall document with verbal and/or written presentations and written report findings upon exercise completion.

5.9 SIGINT. The contractor shall perform SIGINT data analysis, data processing, data management, analytic techniques development and implementation, IT management, IT and specialized hardware acquisition, system engineering, system integration and training development as they relate to SIGINT analysis.

5.9.1 System Engineering and Integration. Tasks of this type shall require the contractor to develop, procure, and deliver hardware/software system, system upgrade or system components to meet defined performance criteria. The resulting hardware/software shall be used to process, analyze, exploit and report on collected data.

5.9.1.1 The contractor shall review the current state of the art in SIGINT and, to the greatest extent practical, shall adhere to NASIC and SIGINT community standards when recommending or making hardware and software modifications, updates, or changes for hardware and software where practical. Contractor shall first obtain written Government approval before implementing such non-standard solutions.

5.9.1.2 The contractor shall deliver software-intensive turnkey systems, system upgrades, or system components for SIGINT processing and analysis. Systems will consist of general purpose IT and specialized signal processing hardware and contractor-created software.

5.9.1.3 The contractor shall provide the government with a system design modification or upgrade document which shall include major features of the design, lists of hardware, software, and firmware to be used, task milestones, performance measures/goals and a statement of expected future year costs to the government. Changes to the task milestones or performance measures require government approval by CR or ACR.

5.9.2 System Support. Tasks of this type shall require the contractor to operate, maintain, update, modify, expand, document, or analyze a SIGINT system or systems. Performance of these tasks may require the contractor to update, modify, or expand the NASIC SIGINT system in question by adding, removing or updating hardware, software or firmware or by modifying the configuration of the system or its components. The contractor shall perform the following:

5.9.2.1 Requirements may be scheduled or ad-hoc. Due dates for scheduled functions shall be identified in the TO and reviewed at the task kickoff meeting. The TO shall identify the types of ad-hoc functions to be performed; ad-hoc function assignments will be accompanied by a due date.

5.9.2.2 When the contractor needs to make a change to the NASIC SIGINT system, the contractor shall submit a request for change (RFC) document prior to performing the modification when the modification changes the processing or storage capacities or physical node count of the system by more than 10%, incurs on-going costs for the government (such as software licensing), or has the potential to make the system unavailable to 10 or more users for a period of 60 minutes or more in the event of an upgrade failure. The government may waive this requirement on a case-by-case basis. All waivers will be granted in writing.

5.9.2.3 Request for change (RFC) documents shall identify the intended result of the change; future year costs associated with the change; planned date of change; all hardware, software, and firmware components to be added, removed or modified; network address changes; an installation plan and a back-out plan in the event of failure.

5.9.3 SIGINT Techniques Implementation. Tasks of this type shall require the contractor to implement a new or improved analytic, processing, or training function. The deliverable for these efforts shall most commonly be a software routine or training module, but could also include hardware, analysis of a process or algorithm, or a study.

5.9.3.1 The contractor shall review the current state of the art in SIGINT and adhere to NASIC and SIGINT community standards for hardware and software to the greatest extent. The Contractor shall not introduce or use non-standard hardware and software without first obtaining written Government approval from CR or ACR.

5.9.3.2 The contractor shall provide the government with an implementation plan which shall include major features of the deliverable; lists of hardware, software, and firmware to be used; task milestones; required features and a statement of expected future year costs to the government. Changes to the task milestones or required features require government approval by CR or ACR

5.9.3.3 The contractor shall develop databases and web hosted products to support NASIC finished intelligence production. This includes database development, database verification, data generation, and data verification. Database development includes generation of the database structure and input of the data into the database. Database development will be consistent with NASIC corporate strategies, which includes the KPS.

5.9.4 **SIGINT Analysis.** Tasks of this type shall require the contractor to perform or support SIGINT analysis. Analysis duties may include finding, ordering, loading, screening, processing, analysis, and reporting of SIGINT data; consultation with government or contractor SIGINT analysts; and presentation of the results of analysis or a topic area with material bearing on SIGINT data analysis.

5.9.4.1 The contractor shall conduct SIGINT analysis or analysis support as specified in the TO. The contractor shall be responsible for producing product types described in the TO. Product due dates may be specified in the TO or may be provided in writing after TO award. Product due dates may not be changed except by TO modification.

5.9.5 **NASIC Data Management System (NDMS) Upgrades and Enhancements.** The contractor shall upgrade and enhance the NASIC Data Management System (NDMS) to provide long-term storage and management capabilities for specialized signals and data sets. The contractor shall automate data management processes, improve interfaces with NASIC and national databases and systems used for management, tracking, identifying, transmitting, cataloging, and storing of signals data. The contractor shall implement hardware and software system improvements and expansion to the existing storage sub-systems and data management to facilitate growing mission, access to new data sets, improve access speeds, and reduce system administration overhead burden and maintenance costs.

6.0 Delivery Schedule

Deliverables and schedule will be provided at the TO level. All data items shall be delivered to the Government in compliance with the established performance measures and quality requirements as specified.

7.0 Meeting Attendance/Travel

7.1 Meeting Attendance. The contractor shall participate in regular team meetings, technical interchange meetings, and interface control working group meetings as required. The contractor shall prepare and present briefings to the Government when requested on the results of efforts undertaken for this PWS.

7.2 Travel Requirements. The Contractor may be required to travel within the CONUS and OCONUS. Travel (to include security clearance requests) within the CONUS must be coordinated and authorized by the GSA CO or Government Technical Monitor at least 15 business days prior to trip (unless notification was received by the CO or Government Technical Monitor after that period) and prior to incurring costs. Contractor costs for travel will be reimbursed in accordance with FAR 31.205-46, in arrears. The travel costs shall be

reasonable and allowable as defined in FAR 31.201 and in accordance with the limitations of the Joint Travel Regulation.

For OCONUS travel, the contractor shall comply with the Foreign Clearance Guide (FCG) and shall be responsible for ensuring timely compliance with all FCG requirements. The contractor shall be responsible for all preparations to include, passports, inoculations, and transportation expenses. All clearance requests shall be sent to the GSA CO or Government Technical Monitor at least 30 calendar days prior to the trip (unless notification was received by the CO or Government Technical Monitor after that period) and prior to incurring costs. The travel costs shall be reasonable and allowable as defined in FAR 31.201 and in accordance with the limitations of the Department of State Standardized Regulation.

The contractor shall invoice monthly on the basis of cost incurred. The contractor must provide documentation in support of all travel expenses. The contractor will not be reimbursed for local travel (within a 50-mile radius of the Government/contractor's facility) or commuter travel (commute from home to work site).

Invoice submissions including travel costs shall include completed travel expense sheets (i.e., travel voucher) for each trip and each employee who traveled. The travel expense report, receipts of \$75 or more (with exceptions being lodging and transportation), and supporting documentation (e.g., approval email for exceeding per diem rates, cost comparisons, etc.) shall be submitted with the invoice. Expense report(s) must include the traveler's name, dates of travel, destination, purpose of travel, Approval Authority documentation (e.g., copy of the e-mail authorizing travel by Government official), and cost for each trip. All travel costs shall be compiled into the Government provided travel expense sheet provided within the TO or similar document that has been determined to be acceptable by the Government. The entire submission shall be complete and organized to enable the Government to complete an efficient review. Submissions that are not complete and organized are subject to rejection.

8.0 Personnel

8.1 The contractor shall ensure personnel performing on TOs have the proper credentials allowing them to work in the U.S. Persons later found to be undocumented or illegal aliens will be remanded to the proper authorities.

8.2 Personnel Skill Levels. The skill level an individual qualifies for is dependent upon relevant education, experience and capabilities of the individual which equip him/her to perform within the proposed labor category. For each TO, the contractor shall propose the required disciplines, skill mix and level, which are most effective for accomplishing the task.

8.2.1 The contractor shall propose individuals with skills meeting the requirements specified in the subsequent TO PWS'.

8.3 Key Personnel. Key Personnel are defined as those individuals who are essential to the work being performed. Key personnel proposed shall be qualified in the appropriate labor category. The contractor shall provide resume(s) in sufficient detail to allow the Government

to assess the qualifications, experience, and security clearance level of the proposed key personnel. The contractor's key personnel shall have valid TOP SECRET/Sensitive Compartmented Information (TS/SCI) security clearances and there shall be a sufficient number of appropriately cleared personnel to handle, store, work with, generate, and manage the classified information associated with these requirements.

8.3.1 Key Personnel Substitution. The contractor shall not remove or replace any personnel designated as Key Personnel without making a written request to and receiving written concurrence from the CO. The contractor's request for a change to Key Personnel shall be made no later than ten (10) calendar days in advance of any proposed substitute(s) and shall include a justification for the change. The request shall (1) indicate the labor category or labor categories affected by the proposed change, (2) include resume(s) of the proposed substitute in sufficient detail to allow the Government to assess their qualifications, experience, and security clearance level, and (3) include a statement addressing the impact of the change on the contractor's performance.

8.3.2 Non-Key Personnel Substitutions

8.3.2.1 The contractor shall ensure that all proposed replacements (temporary or permanent) meet the security requirements for the replaced individual and all substituted personnel shall have equal or better qualifications than the labor category qualifications individual they replace, subject to the Government's discretion.

8.3.2.2 The contractor shall notify the Government of any potential vacancy and prior to any staff member being removed, rotated, re-assigned, diverted or replaced.

8.3.3 Continuity of Qualified Personnel. The contractor shall maintain sufficient staffing levels to accomplish all required tasks. This includes a sufficient number of personnel with appropriate security clearance to handle, store, work with, generate, and manage any classified information associated with this BPA and any TOs awarded under this BPA.

8.3.3.1 Personnel Transition. The contractor shall make every effort to perform tasks without loss of service to the Government. This may necessitate the use of temporary personnel to fill short term gaps between permanently assigned employees. Failure of the contractor to employ an adequate number of qualified, appropriately cleared personnel will not be an excuse for failure to perform this work within the cost, performance, and delivery parameters of this contract or any TO awarded under this BPA.

8.4 Management and Training. The contractor shall be responsible for selecting personnel who are well qualified to perform the required services, versed in supervising techniques used in their work, and for keeping personnel informed of all improvements, changes, and methods of operation.

8.5 Exceptions to Personnel Qualifications. NASIC will accept nationally recognized experts and other personnel well qualified in the various labor categories in lieu of specified degree requirements on a case by case basis. When requested, the contractor shall furnish the specific qualifications of each individual proposed to work on the task. If key individuals are proposed who the contractor claims are nationally recognized experts or otherwise well

qualified individuals, sufficient detail should be given to allow evaluators to verify this claim. Examples of special qualifications that will be recognized will include, but not be limited to: (a) years of experience in the discipline(s) required for this effort; (b) publications; (c) presentations at national level conferences; (d) patents; (e) copyrights; (f) professional affiliations; (g) university affiliations; and (h) special recognition(s), awards, and honors. All nationally recognized experts shall adhere to the same security clearance requirements, standards of conduct, and moral and ethical requirements. NASIC reserves the right to disapprove personnel not believed to be technically qualified.

9.0 Government Furnished Facilities, Equipment And Information

9.1 Government Furnished Equipment/Government Furnished Property (GFE/GFP).

The contractor shall have access to the GFE/GFP specified below. If the contractor requires any additional GFE/GFP to accomplish individual TOs, the contractor shall specify the requirements in the technical proposal, and shall be subject to Government approval. Should the Government disapprove any GFE/GFP requested in the proposal; the contractor shall be prepared to accomplish the requirements of the PWS without the requested GFE/GFP.

9.1.1 Facilities and Services NASIC will provide work space, furniture, access to business telephones (for business purposes only) and the computer time as required for work performed on-site at Wright Patterson AFB, OH at no additional cost to the contractor. Any requirements for additional GFE will be stated in each TO. All GFE shall be returned at the end of the period of performance unless otherwise stated in writing by the contracting officer.

9.1.2 Information Sources. Qualified Government personnel will be available to provide technical input, answer questions, review completed draft deliverables and provide feedback. Timely communication is essential to meet shortened suspense dates, particularly as it relates to documentation and informational meetings and briefings. NASIC will provide access to JWICS, NIPRNET, and all-source intelligence data required to complete the items in the PWS.

9.1.3 Contractor Liability. The contractor shall conserve and protect Government resources. The use of these resources for non-Governmental use is prohibited. The contractor shall repair any Government-owned equipment, which is damaged through or by the fault of the contractor, with equipment of equal or better quality, at no cost to the Government. All repairs and/or replacement of GFE/GFP must be pre-approved by the contracting officer.

9.1.4 GFE/GFP Inventory. The contractor shall maintain a current list of all GFE/GFP broken out by active task order and provide it to the contracting officer.

9.2 Rehabilitation Act Compliance (Section 508). Unless otherwise exempt, all services and/or products provided in response to this requirement shall comply with Section 508 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794d), and the Architectural and Transportation Barriers Compliance Board Electronic and Information Technology (EIT) Accessibility Standards (36 CFR part 1194.)

10.0 Place of Performance

10.1 Primary Locations. The majority of the work shall be accomplished at the contractor's facility and at NASIC, 4180 Watson Way, Wright-Patterson AFB, Ohio 45433-5648.

10.2 Additional Locations. Contractor work space may be required in various locations within the CONUS as stated on the DD254.

11.0 Security

11.1 Special Access Program (SAP) access may be required of certain personnel on some TOs.

11.2 The contractor shall submit a DD Form 254 for all assigned subcontractors within 30 calendar days of issuance of first TO from this BPA.

11.3 The contractor shall submit an SCI Eligibility Nomination Package and SF86 for each proposed individual requiring TS/SCI to the COR within 10 calendar days of TO award.

11.3.1 In the event an individual's eligibility decision exceeds 30 calendars days beyond the TO award date, the Government reserves the right to request the nomination of a replacement candidate. Where no suitable candidate is nominated within 10 calendar days of the Government request, the Government reserves the right to cancel the TO award and issue a subsequent TO award.

11.4 The Use of Foreign Nationals. A foreign national is defined as all persons not citizens of, not nationals of or immigrant aliens to the U.S. It is expected that some materials marked NOT RELEASABLE TO FOREIGN NATIONALS (NOFORN) will be passed to the contractor in support of various tasks issued. Any Foreign National will be prohibited from reviewing material with this handling caveat. Per DoD 5220.22-R, dated 17 Feb 87, paragraph 1-237, Immigrant alien is defined as any person lawfully admitted into the U.S. under an immigration visa for permanent residence.

11.5 Privacy Act Information. The provisions of the Privacy Act of 1974 protect information, and, therefore all contractor personnel and any subcontractors assigned to this contract shall take the proper precautions to protect the information from unauthorized disclosure.

11.6 Operational Security (OPSEC). Critical Information (CI) associated with any TO shall be protected to prevent adversary collection and exploitation. The contractor shall implement security requirements as directed by the Government's OPSEC Plan including initial training and reoccurring training, which shall be provided as Government Furnished Information (GFI).

11.7 Non-Disclosure Agreement. When specified, contractor personnel shall complete and sign a "Contractor Employee Non-Disclosure Agreement". A copy of each signed and witnessed Non-Disclosure agreement shall be submitted to the contracting officer prior to performing any work.

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~~11.711.8~~ Intelligence Oversight Reporting and Training Requirements. In accordance with DoDD 5148.13, Intelligence Oversight, contractor personnel are required to report any Questionable Intelligence Activity (QIA) or Significant or Highly Sensitive Matter (S/HSM) to the USAF and GSA COR. Per AFI 14-104, all contractor personnel are required to complete initial Intelligence Oversight training within 60 days of assignment and refresher training annually thereafter.

12.0 Special Instructions

12.1 Guaranteed Final Report. Final reports shall be required for each subtask and shall be defined at the TO level.

12.2 Contractor Holidays. The prices/costs in the contract include holiday observances; accordingly, the Government will not be billed for such holidays. Any work to be performed on an observed holiday, shall be submitted for approval to the CO a minimum of 10 days before the work is to occur. The request shall include the name of the contractor, the number of hours requested, and a Government POC who will be available to sign the contractor in and out of the facility. If approved by the CO, the contractor shall only bill the Government at the established hourly rate, and not at a higher holiday/overtime rate. The following days are considered holidays:

12.2.1 All days issued by Executive Order by The President of the United States;

12.2.2 New Year's Day

12.2.3 Martin Luther King Jr. Day

12.2.4 President's Day

12.2.5 Memorial Day

12.2.6 Independence Day

12.2.7 Labor Day

12.2.8 Columbus Day

12.2.9 Veteran's Day

12.2.10 Thanksgiving

12.2.11 Christmas

12.3 Identification of Contractor Personnel. Contractors shall identify themselves as contractors during meetings, telephone conversations, and in electronic messages, or correspondence. All contractor-occupied Government facilities shall be clearly identified with contractor supplied signs, or name plates identifying these are contractor work areas.

12.4 Man-year Definition. For the purposes of this PWS one (1) man-year is defined as a total of 1920 labor hours.

12.5 Close-Out Procedures. The contractor is required as a deliverable of each TO to provide a final invoice no later than 30 calendar days after the end of each individual TO period of performance. Additionally, the contractor shall provide a Release of Claims no later than 60 calendar days from the submittal of the respective TO final invoice. The order will be modified for closeout.

12.6 Emergency Conditions. In the event an emergency is declared for WPAFB necessitating the implementation of an alternate work schedule (other than a standard 8-hour day, Monday-Friday work week), services provided under this contract may require implementation of an alternate work schedule, not to exceed a 40-hour work week. The Contracting Officer will make notification to the appropriate contractor's point of contact. A modified work schedule will be adopted for the duration of the declared emergency and the contractor will comply with the provisions of that alternate work schedule.

12.7 Information Technology (IT)

12.7.1 All IT solutions implemented at NASIC shall conform to and shall be in compliance with the NASIC Enterprise Architecture as published by the Enterprise Architecture Office (EAO) and approved by the NASIC Chief Information Officer (CIO). Deviations from the NASIC IT standards shall be addressed through the processes outlined in NASICI 33-108 and NASICI 90-103 accordingly. All contractors and personnel requiring accounts with elevated system/network privileges shall be trained and certified in accordance with DoD 8570.01-M – Information Assurance Workforce Improvement Program and DFARs 252.239-7001, Information Assurance contractor Training and Certification Program.

12.7.2 All IT solutions developed under this effort shall be fully turned over to the Government without use restriction or limitation on the Government's ability to provide the IT solution and/or source code to any other third party.

12.8 Contractor Manpower Reporting – Enterprise – wide Contractor Manpower Reporting Application. The contractor shall report all labor hours required for performance of services executed during the Government Fiscal Year no later than October 31 of each calendar year. The contractor shall completely fill in all required data fields using the following web address: <http://www.ecmra.mil/>.

12.9 Personal Service. The client determined that use of the GSA requirements contract to satisfy this requirement is in the best interest of the Government, economic and other factors considered, and this BPA is not being used to procure personal services prohibited by the Federal Acquisition Regulation (FAR) Part 37.104 titled "Personal Services Contract". The Contractor agrees that this is a non-personal services BPA. The Contractor is not, nor shall it hold itself out, to be an agent or partner of, or joint venture with, the Government.

The Contractor agrees that his/her personnel shall neither supervise nor accept supervision from Government employees. The Government will not control the method by which the

contractor performs the required tasks. Under no circumstances shall the Government assign tasks to, or prepare work schedules for, individual contractor employees. It shall be the responsibility of the contractor to manage its employees and to guard against any actions that are of the nature of personal services, or give the perception of personal services. If the contractor feels that any actions constitute, or are perceived to constitute personal services, it shall be the contractor's responsibility to notify the CO immediately. These services shall not be used to perform work of a policy/decision making or management nature, i.e., inherently Governmental functions. All decisions relative to programs supported by the contractor shall be the sole responsibility of the Government.

12.10 CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (CPARS) Assessment. Upon request by the Government, the contractor shall submit a self-evaluation of their performance at least annually utilizing a Government provided template. From time of Government request, the contractor shall have 9 business days (i.e. initial request due date of 1 week with an additional 2 business day follow-up) to provide input to the GSA COR. The contractor self-assessment will then be submitted to the Government client where they will utilize this information to formulate an independent performance evaluation that will be processed through the Contractor Performance Assessment Reporting System. The requirements of the FAR and its supplements as it pertains to CPARS reporting shall be adhered to.

Appendix 1: SIGINT Software

1.0 Software Development. All software shall be NASIC APPOMATTOX compliant; therefore, software that is not compatible with the APPOMATTOX architecture shall not be considered as a viable submission. Software that is intended to extend the general APPOMATTOX capabilities shall be considered on a case by case basis. Software that falls into this category shall require government approval prior to development or utilization for all software projects.

1.1 Requirements Analysis. Perform analyses of infrastructure, operational, technical, functional, data and interface requirements. Design, develop, compare and evaluate potential technical solutions, concepts or alternatives to meet requirements. Transform statements of requirements into designs that satisfy NASIC needs in a sound technical and cost effective manner. Assess, determine and document the impacts that such solutions or other emerging technologies may have on NASIC mission.

1.1.1 Provide system architectural designs, ensuring that all the requirements for the software items are allocated, refined and documented to facilitate detailed design. Designs shall elaborate and/or refine software requirements to form a basis for the development and implementation of the capabilities and shall conform to NASIC and government standards, and best practices. Designs shall also be consistent with unique user, service, command, agency or community oriented policies and procedures. The design process may include Preliminary, Detailed and Critical Design Reviews (PDRs, DDRs and CDRs).

1.2 Perform software requirements analysis and document the software level requirements describing, at a minimum, the functional capability specifications, performance, interfaces, qualifications requirements, security specifications, human factors engineering, data definition and database requirements, installation and acceptance requirements. Document and present the results.

1.3 Use of NDS. Maintain cognizance of developments in COTS and GOTS software. All development shall maximize the use of such software. Evaluate the planning performed for the use of NDS to ensure that all applicable PWS requirements have been met. Upon acquisition, evaluate the software to determine whether it performs as documented and is adequately documented. Ensure that the software will pass NASIC security and/or information assurance testing (e.g., CTO testing) prior to incorporating it into the software being developed.

1.4 NDS software. For all software/hardware purchased or licensed, arrangements shall be made for licensing and maintenance agreements to transfer to the government upon purchase. All hardware and software must be compliant with NASIC IT architecture and standards.

1.5 Develop/Implement/Code. Satisfy requirements by building system enhancements and/or new engineering developments. Perform software coding and testing for each software component/item in accordance with the approved SDP

1.6 Modification of existing software and documentation. All software to be developed or enhanced shall utilize the design and coding standards of the existing software. All modifications to existing software shall be documented as updates to the existing documentation. All software and database development must adhere to NASIC-33-108 (NASIC

IT Management CONOPS) and its successors and/or addendums. NASIC/SC shall determine which components of NASIC-33-108 will be tailored out on a case-by-case basis. (Ref: Table 7.3 – deliverable 12.) Anticipated documentation includes:

- 1.6.1 Functional Description
- 1.6.2 Data Base Specification
- 1.6.3 User Manual
- 1.6.4 Computer Operation Manual
- 1.6.5 Maintenance Manual
- 1.6.6 System/Subsystem Specification
- 1.6.7 Data Requirements Document
- 1.6.8 Software Unit Specification
- 1.6.9 Implementation Procedures
- 1.6.10 Training Material

1.7 System Documentation. Software documentation furnished under this BPA shall be delivered in electronic format compatible with Microsoft Visio or Office products. Typical documentation shall provide instruction on how to startup, shutdown and troubleshoot the system and lists of hardware and software used and physical and logical interface diagrams. Software delivered in support of SIGINT analysis shall be placed into the NASIC project on G-FORGE. Where applicable, documentation shall address:

- 1.7.1 Startup/shutdown procedures or scripts (to include reboots from unscheduled shutdowns)
- 1.7.2 Key system processes & how to monitor/fix/restart any failed processes or process components
- 1.7.3 Dependencies on other systems and resources
- 1.7.4 Location of all log files pertinent to system resources and applications
- 1.7.5 Rebuild procedures or scripts for a failed system including any procedures to rebuild storage or optional peripheral equipment
- 1.7.6 Rack elevations (in Visio format)
- 1.7.7 Hardware list
- 1.7.8 Software list with versions

- 1.7.9 System interconnection diagrams (in Visio format)
- 1.7.10 Integration. Increase the functional capability of the NASIC APPOMATTOX baseline through system engineering process to fully integrate into the software, documentation and programmatic baseline.
- 1.7.11 Perform system integration with other systems. Test the aggregates as they are developed, against their requirements. Perform software integration and testing. Integrate the software units and software components and test as the aggregates are developed. Ensure the requirements for the software are met.
- 1.7.12 Perform system and software integration and testing.
- 1.7.13 Perform software integration and testing. Integrate the software units and software components and test as the aggregates are developed. Ensure the requirements for the software are met.
- 1.7.14 Perform software qualification testing for each software item.
- 1.7.15 Conduct in-plant testing in accordance with the government-approved test plans. The approved test plans shall include properly formatted documentation necessary to obtain a CTO and other security and/or information assurance approvals. Document the results in the Test Report. (Ref: Table 7.3 – deliverable 12.)
- 1.7.16 Upon successful completion of in-plant testing, install and test at NASIC in accordance with government-approved test plans. Prior to installation into the NASIC production environment, all approvals for installation and all CTO/security and/or information assurance approvals must have been granted by the government. Document the results in the Test Report.

1.8 Configuration Management. Manage a CM and software maintenance process for assigned NASIC systems, activities, applications, databases and infrastructures; prepare and/or analyze BCRs and SPRs; provide implementation strategies in the form of Work Plans (WPs) for effort directed at single or multiple BCRs and/or SPRs or combinations of BCRs and SPRs as identified by the government; and implement software changes associated with BCRs and SPRs. Submit initial WPs and submit updates to WPs as requested by the government due to scheduling, requirements, or other changes.

1.9 Software Problem Reports. Upon receipt of a Software Problem Report (SPR) from the government, investigate the problem to determine probable causes, potential resolutions, effort required, characterizations of various approaches, advantages and disadvantages of approaches, schedule, risks and cost of alternative courses of action to resolve, work around or mitigate the effects of the problem. Present results to the government via a WP for review, discussion, disposition, coordination and approval. Each WP shall contain testable performance requirements, deliverable items, delivery schedule, and cost. Perform the effort in accordance with the government-approved WP to close the SPR keeping the government cognizant of the

status of the effort to achieve its goal of resolution within budget, performance and schedule. Participate in meetings to inform the government as to progress and/or need for approval to change the budget, scope, schedule or deliverables required as the situation may warrant. Deliver materials in compliance with NASIC configuration management, testing, installation practices and guidelines.

1.10 Baseline Change Requests. Upon receipt of a Baseline Change Request (BCR) from the government, perform a requirements analysis to define possible and recommended approaches, effort required, relationships to other ongoing effort, advantages and disadvantages of approaches, schedule, risks and cost of alternatives. Present results via a WP to the government for review, discussion, coordination and approval. Each WP shall contain testable performance requirements, deliverable items, delivery schedule, and cost. Perform the effort in accordance with the government-approved WP to develop the baseline change keeping the appropriate government representatives cognizant of the status of the effort towards achieving the objective within budget, performance and schedule. Participate in meetings to inform the government as to progress and/or need for approval to change the budget, scope, schedule or deliverables required as the situation may warrant. Deliver materials in compliance with NASIC configuration management, testing, installation practices and guidelines.

1.11 Certification and Fielding. Provide full documentation, functionality, and support to meet all testing, security, documentation and functional elements to transition the new or enhanced NASIC baseline capability to the field with full approval to operate at the NASIC and customer locations. Provide technical support for the installation, familiarization, certification and operation that will be maintained for each baseline and targeted customer. (Ref: Table 7.3 – deliverable 12.)

1.12 Perform and support all certification and security activities required to acquire security certification and approval to field. Provide all security and program documentation, support the program security testing, and comply with the NASIC approval processes for fielding the APPOMATTOX baseline(s) within NASIC. Provide familiarization training for system capabilities.

1.13 Distribute and install the developed baseline within the user environment, integrate and configure all required components required for site acceptance and operations.

Performance Work Statement (PWS)

Intelligence Support

National Air and Space Intelligence Center (NASIC) Wright-Patterson Air Force Base, Ohio

Last updated: 17 January 2019

1.0 BACKGROUND

1.1 These requirements are currently satisfied under General Services Administration (GSA) Blanket Purchase Agreements (BPAs): **ID05140109**, GS05Q15BMA0015, Counterspace Analysis Support Program II (CASP II); **ID05140125**, GS05Q15BMA0030, HAVESTAR VII; **ID05150022**, GS05Q15BMA0021, GS05Q15BMA0022, Foreign Air, Space and Technologies IV (FAST IV); **ID05160031**, GS05Q17BMA0005, GS05Q17BMA0006, SIGINT Engineering Support Services III (SESS III.)

2.0 SCOPE OF WORK /OBJECTIVE

2.1 The purpose of these requirements is to perform scientific and technical intelligence analysis supporting NASIC, United States (U.S.) Air Force, Department of Defense (DoD) and National Level intelligence efforts. The mission areas supported under this PWS are: Air; Cyberspace; Space and Counterspace; Ballistic Missiles; Forces, Technologies and Infrastructures; Open Source Intelligence (OSINT); Human Intelligence (HUMINT); Signals Intelligence (SIGINT); Training.

2.2 Work performed will include obtaining data; performing technical analysis; developing assessments, evaluations, and predictions of capabilities; designing and assessing current, developmental and projected threat systems; providing reports related to worldwide developments.

2.3 The analysis and evaluation of capabilities, performance, and vulnerabilities is based upon analysis of all available and relevant intelligence information, "all source" intelligence information, and will be used to support evaluations, assessments and long-range forecasts of foreign developments.

2.4 The number and depth of specialized areas of these analyses require specialists of exceptionally high competence in the areas of military systems, operations, and trained to recognize subtleties in foreign developments which may directly impact current and future military operations and weapons developments.

2.5 These requirements support the creation, evaluation and analysis of intelligence data on foreign developments in current and future weapon systems, subsystems, and technologies impacting Air, Space, Cyberspace, Missiles, Information Operations and other new initiatives.

2.6 These requirements develop and maintain analytic tools, techniques, and knowledge databases consistent with NASIC corporate strategies where applicable which include the Threat Modeling and Analysis Program (TMAP) and the Knowledge Prepositioning System (KPS) used in performing and delivery of detailed analysis of air and space forces, Counterspace, information operations systems, subsystems and associated Command, Control, Communications, Computers (C4).

2.7 These requirements provide a well-rounded team of intelligence professionals capable of meeting the challenges posed by foreign developments, increased analytical technical expertise across all aspects of the NASIC mission, cultivate a collaborative environment across the intelligence and DoD communities, develop and exercise relationships within NASIC and with external organizations to enhance understanding of capabilities, processes, and requirements, and develop and sustain effective Knowledge Management tools and processes.

3.0 APPLICABLE DOCUMENTS

Specifics with regards to requirements information/documentation and guidance (e.g. PWS, QASP, etc.) will be determined and solicited on an individual Task Order (TO) basis.

4.0 PROGRAM/PROJECT MANAGEMENT

4.1 The contractor shall provide a Program Manager to provide total BPA management. For each TO, the contractor shall provide a Project Manager to provide total TO management. The Program Manager shall serve as the primary point of contact to the GSA Contracting Officer (CO) for all technical aspects of the required work.

4.2 If work cannot be accommodated at the Government facility, the contractor shall provide all labor, facilities, and non-Government Furnished Equipment (non-GFE) to successfully complete all requirements. The contractor shall provide the necessary resources to plan, implement, and manage the tasks set forth below either on-site or off-site as required in each individual TO to the extent provided by the available man-hours.

4.3 Project Management Plan (PMP). The contractor shall create and maintain a PMP for each order. The PMP shall describe, as a minimum, the resources necessary to accomplish the PWS. The PMP shall be completed and certified by the contractor, the NASIC/Government Client Representative (CR), and the GSA CO within 30 calendar days after award of TO.

4.4 The contractor shall provide up-to-date status, individually for each TO with an active period of performance, through Monthly Status/Financial Reports. Monthly Status/Financial Reports shall be unclassified and shall include details on the following items for each previous time period: (1) Best up-to-date estimate of hours worked and expected charges, including those of subcontractors; (2) status of work performance; (3) any problems or concerns encountered that may impact cost or schedule; (4) status of open items from previous reports;

(5) any suggested solutions; (6) personnel changes; (7) proposed government actions; (8) a summary chart of the current financial status on all contract line item numbers (CLINs) (labor, other direct costs (ODCs)/travel, material).

4.5 The contractor shall provide up-to-date status, individually for each TO with an active period of performance, through quarterly Program Management Reviews (PMRs). The contractor's Program Manager shall be required to present oral program reviews as requested by the NASIC/Government CR.

4.6 The contractor shall prepare written documentation on the results of tasking to include verbal and written comments, informational memorandums and letters, meeting minutes, specialized technical reports and papers, and final report and studies as defined in individual TOs. Present briefings on government selected studies, models, or analyses associated with task efforts to various intelligence organizations, committees, or panels as defined in the individual TOs by the government. The contractor shall prepare and present the briefings to the government appointed experts prior to the actual presentation, to ensure content accuracy and that security considerations are properly addressed and followed.

4.7 Maintain a complete listing of classified material issued by the government and maintained at the contractor's facility in performance of this contract to include, the title of the material; the origination date; the overall classification; the type of material (i.e. report, electronic media, etc.); the number of copies held; and any other information necessary to identify the inventory. The contractor shall obtain written approval by the NASIC/Government CR prior to the release of any classified material. The contractor shall provide the NASIC/Government CR with a destruction certificate for all classified material that is destroyed.

5.0 REQUIREMENTS

5.1 **Air.** The contractor shall perform scientific and technical analysis in the following areas: Air Systems; Integrated Air Defense Systems (IADS); Air Ordinance and Cruise Missiles; Air and Missile Defense Surveillance Systems. This includes analysis of associated Cyberspace capabilities, dependencies, and vulnerabilities.

5.1.1 **Air Systems.** The contractor shall provide analysis of current and future technical characteristics and capabilities of foreign military and dual-use civilian systems including fighters, bombers, special mission aircraft and unmanned aerial vehicles (UAVs) (to include weapons, platforms, sensors, and countermeasures) in development or operation and the actual lethal effect when employed against U.S. and allied forces.

5.1.1.1 **Air System Analysis.** The contractor shall analyze data from intelligence sources, such as SIGINT, Geospatial Intelligence (GEOINT), Electronic Intelligence (ELINT), Measurement and Signature Intelligence (MASINT), HUMINT, foreign materiel exploitation and open sources to assess the capabilities, performance, vulnerabilities, and anomalous activities of foreign air weapons and associated systems and subsystems.

5.1.1.2 **Air System Sub-System Analysis.** The contractor shall analyze subsystem development and use of electronic devices and technologies, including navigation, avionics, communications, flight controls, controls and displays, airborne computers, and their

associated interconnecting systems; air-based directed energy weapons, including lasers, radiofrequency, and high-power microwave weapons; identification friend or foe (IFF) systems; radar equipment types such as surveillance, navigation, mission and gun fire control; and related electronic warfare systems.

5.1.1.3 Air System Design Analysis. The contractor shall perform analysis of all static and dynamic characteristics of the weapon system (i.e., detailed external configuration; location and performance of internal avionics, electronics, antennas, and other subsystems; construction techniques and materials; flight control; flying/handling qualities; propulsion systems; armament, etc.).

5.1.1.4 Air System Development Analysis. The contractor shall analyze design, fabrication, and wind tunnel testing of air system and system component models to define the aerodynamics associated with the vehicle over the expected flight regime. The contractor shall evaluate combat capability, reliability, maintainability, and survivability.

5.1.1.5 Air Vehicle Signatures Analysis. The contractor shall collect and analyze, and/or analytically derive, signatures (visible, ultraviolet, infrared (IR), radar, etc.) of foreign air vehicles and associated subsystems.

5.1.1.6 Air System Engagement Analysis. The contractor shall conduct scientific and technical analysis and assessments of foreign military systems capabilities, strengths, vulnerabilities (including Cyberspace, electronic warfare, and information operations), associated technologies, associated Command, Control, Communications, Computers, and Intelligence (C4I) systems, and operations of systems. The contractor shall assess the combat effectiveness of threat aircraft weapon systems. The contractor shall evaluate the aircraft as a completely integrated system combining the airframe, weapons, radars, avionics, electronics, command and control, communications, fire-control and signature information. The contractor shall analyze include man-in-the-loop simulation assessment techniques.

5.1.1.7 Air Weapon Systems - Detailed Characterization. The contractor shall perform in-depth analysis of foreign air weapon subsystem characteristics and performance based on foreign hardware or extensive foreign technical documentation. The contractor shall integrate analysis results into total system capability assessments. The contractor shall analyze and determine the function of air weapon components and subsystems such as avionics, seekers, guidance systems, propulsion systems, signature control systems, materials, etc. The contractor shall assess these components and subsystems both individually and as a part of the overall air weapon system.

5.1.1.8 Air Vehicle Analytic Methodology and Tools. The contractor shall analyze and create aerodynamic vehicle analytic methodologies that shall improve on the techniques currently used to evaluate technical intelligence data and perform engineering analysis. Methodologies shall emphasize new approaches that provide increased analytical detail and accuracy. The contractor shall evaluate and/or modify current analytical tools and modeling software and develop new analytical tools as required.

5.1.1.9 Air Weapon System Modeling. The contractor shall perform modeling/digital simulation in the area of aerodynamic weapon systems. The contractor Simulation development shall include software development, software verification, data generation, and data verification.

5.1.1.10 Air Vehicle Signatures Models. The contractor shall create, modify and maintain computer code and models used to analyze and derive signatures of foreign air vehicles and associated subsystems.

5.1.1.11 Air System Engagement Models. The contractor shall analyze the combat effectiveness of threat aircraft weapon systems. The contractor shall develop and modify computer code and threat models to reflect system performance characteristics of threat aircraft weapon systems. The contractor shall conduct and document foreign aerodynamic flight simulation analysis to include mission planning, flight profile modeling, attack simulation, and attack scenarios.

5.1.2 Integrated Air Defense Systems (IADS). The contractor shall perform analysis of technical characteristics, capabilities, performance, limitations, combat effectiveness, and vulnerabilities, of a countries ability to operate its IADS in both peacetime and wartime situations.

5.1.2.1 Integrated Air Defense Systems (IADS). The contractor shall assess the operational effectiveness of threat IADS including visualizing a completely integrated system combining aircraft, radar, links and nodes, missiles, tactics, doctrine, battle management, and order of battle.

5.1.2.2 IADS Systems Analysis. The contractor shall include system-of-system analysis of current and future capabilities of foreign threat countries to integrate/coordinate/operate their air defense assets (including air surveillance sensors, command, control, and communications and computers systems, and air defense weapon systems) and assessment of the characteristics, strengths, and limitations/exploitable weaknesses of the entire macro-level foreign IADS as a whole.

5.1.2.3 IADS Modelling and Simulation. The contractor shall perform modeling and simulation software development and verification, database management, and enhanced 3D scene visualization capability (includes development of web-based reach-back to NASIC analysis exploiting the KPS database.)

5.1.3 Air Ordinance and Cruise Missiles. The contractor shall perform analysis of technical characteristics, signatures, capabilities, performance, limitations, combat effectiveness, vulnerabilities, and proliferation of air-to-air and air-to-surface ordinance, air-launched ballistic missiles, cruise missiles (all types including anti-ship, ground-launched ground attack, nuclear and conventional) and any associated electronic devices and technologies.

5.1.3.1 Engineering Analysis. The contractor shall perform engineering analysis on current and projected foreign air-to-surface missiles, cruise missiles (air, ground, and sea launched), UAVs, and unguided munitions addressing engineering designs, performance assessments, guidance and control, avionics, warhead, and fusing.

5.1.4 Air and Missile Defense Surveillance Systems (Ground-based and Airborne Electronic Systems). The contractor shall perform analysis of technical characteristics, signatures, capabilities, performance, limitations, combat effectiveness, vulnerabilities, and proliferation of land-based radar equipment including air defense early warning; SAM-associated radars with a primary function of target acquisition/air surveillance/early warning; ballistic missile early warning/over the horizon, navigation, air traffic control, and ground-controlled and air-controlled intercept radars; materials; data links associated with these systems.

5.1.4.1 System Analysis. The contractor shall provide analysis of current and future foreign ground-based and airborne electronic systems, which include the designs, operational capabilities and limitations, detailed system characteristics, and threat to U.S. systems. The contractor shall provide the expertise to define the design parameters and obtain detailed system performance characteristics on proliferated and developmental foreign electronic systems.

5.1.4.2 Electronic and Directed Energy Systems Analysis. The contractor shall perform research and technical analysis of foreign countries' electronic and electro-optic systems/subsystems, directed energy weapons, fire control systems, integrated avionics systems, airborne and ground-based radar systems, electronic combat systems, and associated databases and models.

5.1.4.3 Electronic Databases. The contractor shall obtain, analyze, catalog, and maintain parametric data which describes foreign threat radar systems.

5.1.4.4 Threat Software Analysis. The contractor shall supplement, enhance, and improve the quality of NASIC's threat analysis. The contractor shall provide specialized engineering/ technical analysis expertise to assist NASIC in its role of analyzing foreign software-driven threat systems.

5.2 Cyberspace. The contractor shall perform scientific and technical analysis in the following areas: actual or potential application of foreign Cyberspace threats to U.S. and allied air and space operations and associated combat support systems, networks, data, and forces including foreign Cyberspace R&D, capabilities, actors, doctrine, tactics, techniques, procedures, strategy, employment (current and future), and dependencies that threaten U.S. and allied air and space operations.

5.2.1 Cyberspace Operations Analysis. The contractor shall assess the characteristics, capabilities, and vulnerabilities of foreign military air, air defense, Counterspace, and space command and control processes, information systems and networks of systems and telecommunications and computer networks whether wired or wireless, ground, air, or space-based; assess how they are used to enable foreign military operations and terrorist activities.

5.2.2 Information Operations Analysis. The contractor shall analyze assess the capabilities and limitations of foreign information operations (IO) activities to help NASIC assess the foreign IO threat to US information and satellite systems operations, and mission.

5.2.3 System Vulnerability Analysis. The contractor shall analyze assess the characteristics, capabilities, and vulnerabilities of foreign weapons, air, space, and Supervisory Control and Data Acquisition (SCADA) systems and networks in addition to analyzing Cyberspace threat to U.S. weapons, air, space, and SCADA systems.

5.2.4 Malicious Software Analysis. The contractor shall analyze assess characteristics, capabilities, and limitations of malicious software as well as of techniques and implants to tamper with computer hardware. The contractor shall design, implement, and maintain modeling, simulation, database, and training tools.

5.3 Space and Counterspace. The contractor shall perform scientific and technical analysis in the following areas: Space and Counterspace Systems; Modeling and Tool Development; Advanced technologies; Anti-Satellite Capability; NAVWAR Assessments. Includes analysis of associated Cyberspace capabilities, dependencies, and vulnerabilities.

5.3.1 Space and Counterspace Systems. The contractor shall analyze technical characteristics, performance, signatures, capabilities, limitations, effectiveness, vulnerabilities (including Cyberspace, electronic warfare, and information operations) and employment of all systems (current and projected military, civil, and scientific systems and support systems), sensors, facilities, and hardware normally considered part of current and projected space/Counterspace platforms, programs, networks and support systems and associated C4I systems.

5.3.1.1 Space and Counterspace Threat System Analysis. The contractor shall analyze intelligence data from sources such as SIGINT, GEOINT, MASINT, HUMINT, open sources, and foreign materiel exploitation to assess the characteristics, performance, and vulnerabilities of foreign and Non-Government Organizations (NGO) Space/Counterspace systems and to understand anomalous system behavior.

5.3.1.2 Space and Counterspace Threat Systems Detailed Characterization. The contractor shall analyze foreign and NGO Space/Counterspace and Space/Counterspace support systems and subsystems to determine characteristics and performance based on foreign and NGO hardware and extensive foreign technical documentation including the integration of analysis results into total system capability assessments. The contractor shall analyze and determine the capabilities of Space/Counterspace components and subsystems to include hardware and software intended both for on-orbit and ground applications.

5.3.1.3 Spacecraft and Threat Signatures. The contractor shall collect and analyze, and/or calculate, spacecraft signatures (visible, infrared, radar, ultraviolet, x-ray, gamma). The contractor shall measure and/or assess emissivity and absorbance for satellite surfaces and shall compare calculated signatures to measured signatures, when possible.

5.3.1.4 Space System Employment. The contractor shall provide assessments on foreign countries' and NGOs' use of space-based services for intelligence, surveillance, and reconnaissance (ISR), communications, and navigation applications including the use of both indigenous military, civil satellite systems, and space-based services available either

commercially or through data sharing agreements. The contractor shall create tools and analytic methodologies to produce assessments of space system employment.

5.3.1.5 Space Mission Control. The contractor shall provide assessments of foreign countries' and NGOs' current and projected capabilities to identify, track, control, or make use of data from space systems via ground, ocean and space-based platforms. The contractor shall analyze identification and tracking systems including both cooperative and non-cooperative systems and methods to identify spacecraft functions, capabilities, and orbital parameters of both individual spacecraft/equipment and networks of spacecraft/equipment.

5.3.1.6 Space Launch Vehicles & Facilities. The contractor shall perform analysis on foreign space launch vehicle programs to include design and performance characteristics, reliability assessments, worldwide launch market evaluation, and space launch facility design, construction, and operations.

5.3.1.7 Space Systems Operations. The contractor shall provide analysis on command and control of foreign space systems to include the physical, temporal, and hierarchical structure associated with foreign task processing, evaluation, and dissemination (TPED).

5.3.1.8 Foreign Cyberspace Threat Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Cyberspace threats to space systems and provide engineered assessments of those capabilities.

5.3.2 Space and Counterspace Modeling and Analysis Tool Development. The contractor shall develop or modify software tools and shall provide training, both oral and written, on the software programs.

5.3.2.1 Space and Counterspace Threat Design and Computer Aided Design (CAD) Computer Modeling. The contractor shall perform design-level studies and develop highly detailed 3-D geometric computer models of foreign spacecraft and Counterspace capabilities. These studies shall include detailed technical assessments of subsystems (sensors, guidance and control, power, structures, thermal control, etc.). The contractor shall assess all static and dynamic characteristics (i.e., external configuration, layout and location of internal subsystems, antenna and solar panel motion, construction techniques, and materials descriptions). The contractor shall apply engineering judgment consistent with foreign design practice should be used to complete the threat description where intelligence gaps exist. The contractor shall provide models in an industry standard portable format.

5.3.2.2 Space and Counterspace Threat Design and Functional Modeling. The contractor shall perform design-level studies and develop highly detailed models of foreign spacecraft based on NASIC approved processes of modeling using MATLAB/Simulink. These studies shall include detailed technical assessments of all major subsystems (sensors, guidance and control, power, structures, thermal control, etc.) as well as payloads. The models shall be developed so as to operate in a stand-alone environment for external clients as well as for internal use for analysis. The contractor shall provide detailed modeling of the space environment to simulate the effects of the environment on the threat. The contractor

shall apply engineering judgment consistent with foreign design practice should be used to complete the threat description where intelligence gaps exist. The contractor shall provide models in an industry standard portable format.

5.3.2.3 Spacecraft and Threat Optical Payload Modeling. The contractor shall perform design-level studies and construct highly detailed foreign optical satellite payloads. These studies shall include detailed design and technical assessments on the components that compose the optical payloads along with the functional performance of the payloads using industry standard tools. The analysis shall leverage all available and relevant sources of intelligence data as well as additional engineering sources of information. The contractor shall apply engineering judgment consistent with foreign design practice should be used to complete the threat description where intelligence gaps exist. The contractor shall provide models in an industry standard portable format.

5.3.2.4 Space and Counterspace Threat Modeling. The contractor shall perform modeling/digital simulation in the area of space defense including simulation software development & verification, and data generation & verification.

5.3.3 Advanced Space and Counterspace Technologies. The contractor shall analyze emerging space technologies that have impacts on space development and operational systems.

5.3.3.1 Signature Reduction Analysis. The contractor shall assess foreign capabilities to achieve signature reduction on aerodynamic, ballistic missile, and other space systems in the areas of Radar Cross Section (RCS) (including analysis of advanced technologies), IR, and electronic emissions.

5.3.3.2 Electromagnetic Analysis. The contractor shall analyze electromagnetic codes, tools and techniques for application to specific signature intelligence analytic issues.

5.3.3.3 Laser Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Counterspace laser systems, associated infrastructure, and provide engineering assessments of those capabilities.

5.3.3.4 Electronic Warfare Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Counterspace electronic warfare capabilities, associated infrastructure, and provide engineering assessments of those capabilities.

5.3.3.5 Command, Control & Communication (C3) Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Counterspace C3 systems, associated infrastructure, and provide integrated assessments across the physical and virtual C3 domains.

5.3.3.6 Operational Space Intelligence Support. The contractor shall provide support to strategic and operational space intelligence requirements. The contractor shall input, manage, and coordinate data relevant to foreign Counterspace operations and the facilities and equipment associated with these operations.

5.3.3.7 Space Intelligence Preparation of the Battlespace Intelligence Reporting. The contractor shall provide support to provide information research and database inputs to maintain and enhance SMD digital production.

5.3.3.8 Space Object Surveillance & Identification Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign SOSI radar and optical systems, associated infrastructure, and provide integrated all-source assessments.

5.3.3.9 Regional Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign Counterspace programs and provide integrated assessments of foreign Counterspace strategy, intent, and doctrine.

5.3.3.10 Anomaly Resolution Support. The contractor shall provide support to perform first-tier analysis of anomalous satellite events, determining their cause and source.

5.3.3.11 Signals Analysis Support. The contractor shall provide support to conduct detailed analysis and reporting of signals intelligence data.

5.3.3.12 Imagery Analysis Support. The contractor shall provide support to conduct detailed analysis of imagery intelligence data.

5.3.4 Anti-Satellite (ASAT) Analysis. The contractor shall provide assessments of foreign countries' and NGOs' abilities to interfere with satellites and satellite links (command, control, and data). Assessments shall include capabilities and limitations of individual systems and networks of systems.

5.3.4.1 Anti-Satellite Capability Analysis. The contractor shall analyze foreign ground-based, sea-based, air-based, and space-based anti-satellite systems; including conventional, nuclear, directed energy weapons, or ballistic missile defense systems used in an anti-satellite role.

5.3.4.2 Direct Ascent Anti-satellite Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign direct ascent anti-satellite weapons systems, associated infrastructure, and provide engineering assessments of those capabilities.

5.3.4.3 Nuclear, Directed Energy and Kinetic Anti-satellite Analysis Support. The contractor shall provide support to conduct detailed analysis of foreign nuclear, directed energy and kinetic anti-satellite weapons systems, associated infrastructure, and provide engineering assessments of those capabilities.

5.3.5 Integrated Navigation Warfare (NAVWAR) Assessments. The contractor shall assess Global Positioning System and space-based Position, Navigation, and Timing (PNT) integration into threat weapons potentially used against U.S. and allied forces, and encompasses associated doctrine, tactics, and employment.

5.4 Ballistic Missiles. The contractor shall perform scientific and technical analysis of foreign ballistic missile systems in the following areas: detailed external configuration; location and performance of internal components, technologies, and other subsystems; construction

techniques and materials; guidance and control systems; propulsion systems; reentry systems, countermeasures, and ground support equipment.

5.4.1 Ballistic Missile Systems. The contractor shall perform analysis including static and dynamic characteristics of the weapon system (i.e., including the evaluation of operational capability, reliability, maintainability, survivability, vulnerabilities, proliferation of critical components, technology, production capability, specialty materials, or expertise to countries or groups hostile to the U.S. national security interests. Includes analysis of associated Cyberspace capabilities, dependencies, and vulnerabilities.

5.4.2 Ballistic Missile System Analysis. The contractor shall analyze data from intelligence sources such as SIGINT (signals intelligence), GEOINT (imagery), ELINT (electronics), RADINT (radar), HUMINT (human), foreign materiel exploitation, and open sources to assess the capabilities, performance, vulnerabilities, and anomalous activities of foreign ballistic missiles and associated systems and subsystems.

5.4.3 Ballistic Missile Sub-System Analysis. The contractor shall perform engineering analysis on current and projected foreign ballistic missile systems and subsystems. The analysis shall address engineering designs, performance assessments, airframe, propulsion, guidance and control, reentry vehicles, warheads, countermeasures, and penetration aids

5.4.4 Projected Ballistic Missile Systems. The contractor shall provide analysis of project foreign ballistic missile system capabilities, performance, and vulnerabilities, for a period of at least 20 years into the future, including assessment of operational needs/deficiencies; analysis of doctrine and doctrinal requirements; assessment of technological capabilities to support requirements, including identification of plants, factories, institutes, and personalities that are related to specific enabling technologies; assessment of sources or recipients of technology transfer; development of feasible conceptual designs that could fulfill mission requirements; and estimates of probable deployment dates.

5.4.5 Ballistic Missile System Signatures. The contractor shall analyze, and/or analytically derive, signatures (visible, ultraviolet, IR, radar, etc.) of foreign ballistic missiles and associated subsystems.

5.4.6 Ballistic Missile System Operational Analysis. The contractor shall assess the operational effectiveness of foreign ballistic missile weapon systems. The contractor shall evaluate the weapon as a completely integrated system combining the ballistic missile, ground support equipment, deployment facilities, command/control/communications, and signature information with country-specific associated doctrine and tactics. The contractor shall develop and modify computer code, threat models, and threat visualizations to reflect overall system performance characteristics.

5.4.7 Ballistic Missile Flight Models. The contractor shall conduct and document foreign ballistic missile flight simulation analysis to include missile trajectory modeling, attack simulation, and attack scenarios.

5.4.8 Ballistic Missile Vulnerabilities. The contractor shall analyze foreign ballistic missile vulnerability and hardening to lasers (IR to X-ray wavelengths), particle beam weapons (neutral and charged), and kinetic energy weapons.

5.4.9 Ballistic Missile Analytic Methodology and Tools. The contractor shall review, analyze, propose, and create ballistic missile analytic methodologies that improve on the techniques currently used to evaluate technical intelligence data and perform engineering analysis. Methodologies shall emphasize new approaches that provide increased analytical detail and accuracy. The contractor shall evaluate and/or modify current analytical tools and modeling software and create new analytical tools as required.

5.5 Forces, Technology, and Infrastructure. The contractor shall provide scientific and technical analysis and assessment of current and future foreign services capabilities and technologies and infrastructure (operational C4ISR, air, air defense, and ballistic missiles) including analysis of capabilities of civil air organizations to support military operations, in leadership; strategy; doctrine; intent; operational art; tactics, techniques, and procedures, training curriculums; readiness systems; training doctrine, and threat perceptions. Includes analysis of associated Cyberspace capabilities, dependencies, and vulnerabilities.

5.5.1 General Threat Technology Assessments/Forecasts. The contractor shall provide engineering and scientific assessments and forecasts in the area of technologies and their military impact on current and future air, ballistic missile, Counterspace, and space system, subsystem, and component capabilities, performance, and vulnerabilities.

5.5.1.1 Basic Emerging, Disruptive, and Breakthrough Technologies. The contractor shall perform analysis, evaluation and projection of the discovery, development, or exploitation of advanced military technologies by foreign state or non-state actors including assessments of the developments and trends in foreign scientific and technical capabilities that impact future applications in military defense and national security to prevent technology surprise to the U.S. and allied forces.

5.5.1.2 Apparent Emerging Air and Space Applications. The contractor shall provide engineering and scientific assessments and forecasts in the area of emerging or breakthrough technologies and their applications to current and future air, air defense, ballistic missile, C4, space and Counterspace systems to include: directed energy, active and passive sensors, propulsion, fuels, electronics, computing, analytical techniques, cybernetics, power, structures, low observable, stealth, counter-stealth, materials, Cyberspace operations, and manufacturing processes; also includes: associated resources, and technology acquisition and transfer efforts, weapon system acquisition processes, and details on R&D strategies, policies, decisions, practices, resource allocations, and priorities.

5.5.1.3 Electronic Combat Capability Analysis. The contractor shall analyze foreign ground-based, sea-based, air-based, and space-based electronic combat capabilities. The analysis shall examine the means to jam/spoof sensors and communication links, to include modeling.

5.5.1.4 Air and Missile Defense Suppression Analysis. The contractor shall analyze foreign air and missile defense suppression capability through the use of jamming, anti-radiation missiles, air-to-surface weapons (guided and unguided), ballistic weapons, special operations, and advanced technologies.

5.5.1.5 Non-Conventional Warfare Analysis. The contractor shall characterize foreign non-conventional warfare including, but not limited to special-purpose forces, terrorist activity, Radio Frequency (RF) weapons, and emerging technologies.

5.5.2 Technology Transfer & Proliferation Assessments/Forecasts. The contractor shall provide assessments and long-range forecasts in the areas of technology transfer and its military impact, ability of recipient countries to assimilate transferred technology, and proliferation of weapons of mass destruction and/or their delivery systems.

5.5.3 Denial and Deception Analysis. The contractor shall assess the denial and deception strategy, doctrine, operational art, organization, leadership, personnel, tactics, techniques, procedures and systems of foreign air and space forces. Assessments shall include but not be limited to technical analysis of denial and deception systems (decoys, camouflage netting, coatings, and other devices); operational analysis of employment of denial and deception at the tactical, operational and strategic levels; and predictive analysis of future denial & deception capabilities.

5.5.4 Infrastructure Assessments. The contractor shall perform analysis of service infrastructure, service modernization, service readiness, and service sustainability including assessments of the composition, demographics, disposition, logistics, strength, vulnerabilities, training status, tactics, combat effectiveness, mobilization, employment of forces, and other relevant information concerning the personnel, units, facilities, and equipment.

5.5.4.1 Leadership Assessments. The contractor shall conduct assessments of military air services leadership; their perceptions of the threat and their capabilities/vulnerabilities; their perception of the U.S.; their goals, motivations, and intentions; and their ability/capability to pursue them.

5.5.4.2 Civilian Air Systems Capabilities. The contractor shall perform analysis of technical characteristics capabilities, performance, limitations, effectiveness, and vulnerabilities of foreign civilian aircraft, their materials, production techniques, and related RDT&E programs.

5.5.4.3 Behavioral Influences Analysis. The contractor shall assess the influence vulnerabilities and susceptibilities of foreign air & space forces personnel, and personnel in other organization/groups of interest, at the operational level with emphasis on organizational and group dynamics. The contractor shall predict likely adversary intent and behavior, and formulate recommendations for influencing behavior to achieve the U.S. operational commander's desired effects.

5.5.4.4 Projected Air Systems and Forces Analysis. The contractor shall provide analysis of projected foreign air threat system capabilities, performance, and vulnerabilities for a period of at least 20 years into the future. The contractor shall develop feasible conceptual

designs that could fulfill mission requirements; and estimates of probable deployment dates of foreign threat systems capabilities, performance, and vulnerabilities, for a period of at least 20 years into the future, including assessment of operational needs/deficiencies; analysis of doctrine and doctrinal requirements; assessment of technological capabilities to support requirements, including identification of plants, factories, institutes, and personalities that are related to specific enabling aerospace technologies; assessment of sources or recipients of technology transfer; feasible conceptual designs that could fulfill mission requirements; and estimates of probable deployment dates.

5.5.4.5 Projected Space and Counterspace Systems and Forces. The contractor shall create conceptual designs to fulfill mission requirements and estimates of probable deployment dates of space systems and forces of foreign countries and NGOs at least 20 years into the future. Assessments shall include analysis of the threat or spacecraft, payload, orbital characteristics, operations, mission control, and launch systems. The contractor shall provide analysis of project space systems and forces of foreign countries and NGOs at least 20 years into the future. Analysis shall include: operational needs/deficiencies; doctrine; employment concepts; technological capabilities to support requirements, including identification of plants, factories, institutes, and personalities that are related to specific space/Counterspace technologies; sources or recipients of technology transfer; development of feasible conceptual designs to fulfill mission requirements; and estimates of probable deployment dates. Assessments shall include analysis of the threat or spacecraft, payload, orbital characteristics, operations, mission control, and launch systems.

5.5.5 Operational Threat Environment. The contractor shall assess, analyze, and document the current, projected, and reactive operational environment.

5.5.5.1 Force Level Analysis. The contractor shall characterize foreign offensive and defensive force levels, roles and missions, doctrine, strategy, tactics, and training.

5.5.5.2 Socio-Economic and Other Factors Analysis. The contractor shall characterize foreign socio-economic, ethnic, political, religious, etc., factors that influence force levels, roles and missions, military doctrine, strategy, training, and tactics.

5.5.5.3 C4I Analysis. The contractor shall analyze foreign command, control, communications, computers and intelligence (C4I) infrastructure and capabilities.

5.5.5.4 Attack Capability Analysis. The contractor shall characterize foreign attack capabilities, including force size, composition, and attack timing, against both defended and undefended point and area targets.

5.5.5.5 Information Operations Analysis. The contractor shall characterize foreign information operations capabilities relative to information gain, exploit, attack, and defend.

5.5.5.6 Camouflage, Concealment and Deception Analysis. The contractor shall characterize the employment of foreign camouflage, concealment, and deception (CC&D) equipment that supports foreign operation or strategic denial and deception activity. The contractor shall assess foreign nation capability to develop or implement CC&D technology that is employed to protect aircraft, ballistic missiles, selected ground vehicles, and strategic

facilities, and assess its ability to deny or degrade U.S. ISR sensors, and the U.S. reconnaissance, surveillance, targeting, and acquisition capability.

5.5.5.7 Logistics Analysis. The contractor shall assess foreign logistics, support, and production capabilities.

5.5.6 Regional Air and Space Forces Analysis. The contractor shall assess the force structure, composition, leadership, personnel, strategy, doctrine, operational art, and tactics of foreign air and space forces and other organizations of interest, with emphasis on the integrated and synergistic employment of air, space and information capabilities to achieve strategic, operational and tactical effects. Analysis shall focus on current capability and predicting future capability up to 20 years in the future. In particular, provide assessments of military training and exercises, of air, space and missile forces, to include Information operations (electronic warfare, counter-space, cyber, etc.), in order to provide insight into intent and capabilities of the force.

5.5.7 Integrated Threat. The contractor shall assess, analyze, and document the current, projected, and reactive integrated threat, that is, the synergy of threat targets, system specific threats, and the operational threat environment that defines the complete war fighting capability of an adversary.

5.5.7.1 Systems Integration Analysis. The contractor shall analyze foreign capability to integrate offensive, defensive, and defense suppression operations to defeat or degrade current and future US offensive and defensive systems.

5.5.7.2 Theater Modeling Analysis. The contractor shall perform quantitative modeling of US/foreign strategic and theater exchanges.

5.5.7.3 Defensive Systems Modeling Analysis. The contractor shall perform quantitative modeling of US ballistic missile and/or other air and space defense systems to included architectures and related measures of effectiveness.

5.5.7.4 Foreign Perceptions Analysis. The contractor shall characterize foreign perceptions of current and future US offensive and defensive systems including weapons, sensors, communications, and countermeasures.

5.6 Open Source Intelligence (OSINT.) The contractor shall collect, process (to include translation of foreign language where applicable), exploit, and disseminate primarily foreign open source information and OSINT analysis to support the NASIC all-source mission and the broader Intelligence Community.

5.6.1 OSINT Analytic Methodology and Tool Development. The contractor shall review, analyze, propose, and develop OSINT analytic methodologies that improve on the techniques currently used to perform collection, processing (to include foreign language translation), exploitation, and dissemination of scientific and technical open source data. Methodologies shall emphasize new approaches that promote enhanced OSINT analytic tradecraft. The contractor shall evaluate and/or modify current analytical tools and software and develop new analytical tools as required.

5.6.2 OSINT Translation Tool Development. The contractor shall create and maintain specialized analysis tools for translation of foreign language scientific and technical textual information in support of Open Source and all-source intelligence analysis and production including specialized machine translation routines and applications for Government use and ownership.

5.7 Human Intelligence (HUMINT.) The contractor shall collect HUMINT information and support HUMINT collection to support the HUMINT missions of NASIC, Air Force, and the Intelligence Community. Specialized HUMINT collection qualifications may be required.

5.8 Analyst Training. The contractor shall cultivate and exercise relationships with NASIC training personnel to maximize the benefits from existing NASIC opportunities. The contractor shall document and report the relevant findings.

5.8.1 Cadre of Mentors. The contractor shall identify and educate a cadre of mentors available to guide new NASIC analyst development. The contractor shall document with verbal and/or written presentations and technical reports.

5.8.2 Exercise Support Requirements. The contractor shall conduct exercise scenario development and execution to define/determine where additional analysis and development needs are required. The contractors shall document with verbal and/or written presentations and written report findings upon exercise completion.

5.9 SIGINT. The contractor shall perform SIGINT data analysis, data processing, data management, analytic techniques development and implementation, IT management, IT and specialized hardware acquisition, system engineering, system integration and training development as they relate to SIGINT analysis.

5.9.1 System Engineering and Integration. Tasks of this type shall require the contractor to develop, procure, and deliver hardware/software system, system upgrade or system components to meet defined performance criteria. The resulting hardware/software shall be used to process, analyze, exploit and report on collected data.

5.9.1.1 The contractor shall review the current state of the art in SIGINT and, to the greatest extent practical, shall adhere to NASIC and SIGINT community standards when recommending or making hardware and software modifications, updates, or changes for hardware and software where practical. Contractor shall first obtain written Government approval before implementing such non-standard solutions.

5.9.1.2 The contractor shall deliver software-intensive turnkey systems, system upgrades, or system components for SIGINT processing and analysis. Systems will consist of general purpose IT and specialized signal processing hardware and contractor-created software.

5.9.1.3 The contractor shall provide the government with a system design modification or upgrade document which shall include major features of the design, lists of hardware, software, and firmware to be used, task milestones, performance measures/goals and a statement of expected future year costs to the government. Changes to the task milestones or performance measures require government approval by CR or ACR.

5.9.2 System Support. Tasks of this type shall require the contractor to operate, maintain, update, modify, expand, document, or analyze a SIGINT system or systems. Performance of these tasks may require the contractor to update, modify, or expand the NASIC SIGINT system in question by adding, removing or updating hardware, software or firmware or by modifying the configuration of the system or its components. The contractor shall perform the following:

5.9.2.1 Requirements may be scheduled or ad-hoc. Due dates for scheduled functions shall be identified in the TO and reviewed at the task kickoff meeting. The TO shall identify the types of ad-hoc functions to be performed; ad-hoc function assignments will be accompanied by a due date.

5.9.2.2 When the contractor needs to make a change to the NASIC SIGINT system, the contractor shall submit a request for change (RFC) document prior to performing the modification when the modification changes the processing or storage capacities or physical node count of the system by more than 10%, incurs on-going costs for the government (such as software licensing), or has the potential to make the system unavailable to 10 or more users for a period of 60 minutes or more in the event of an upgrade failure. The government may waive this requirement on a case-by-case basis. All waivers will be granted in writing.

5.9.2.3 Request for change (RFC) documents shall identify the intended result of the change; future year costs associated with the change; planned date of change; all hardware, software, and firmware components to be added, removed or modified; network address changes; an installation plan and a back-out plan in the event of failure.

5.9.3 SIGINT Techniques Implementation. Tasks of this type shall require the contractor to implement a new or improved analytic, processing, or training function. The deliverable for these efforts shall most commonly be a software routine or training module, but could also include hardware, analysis of a process or algorithm, or a study.

5.9.3.1 The contractor shall review the current state of the art in SIGINT and adhere to NASIC and SIGINT community standards for hardware and software to the greatest extent. The Contractor shall not introduce or use non-standard hardware and software without first obtaining written Government approval from CR or ACR.

5.9.3.2 The contractor shall provide the government with an implementation plan which shall include major features of the deliverable; lists of hardware, software, and firmware to be used; task milestones; required features and a statement of expected future year costs to the government. Changes to the task milestones or required features require government approval by CR or ACR

5.9.3.3 The contractor shall develop databases and web hosted products to support NASIC finished intelligence production. This includes database development, database verification, data generation, and data verification. Database development includes generation of the database structure and input of the data into the database. Database development will be consistent with NASIC corporate strategies, which includes the KPS.

5.9.4 SIGINT Analysis. Tasks of this type shall require the contractor to perform or support SIGINT analysis. Analysis duties may include finding, ordering, loading, screening, processing, analysis, and reporting of SIGINT data; consultation with government or contractor SIGINT analysts; and presentation of the results of analysis or a topic area with material bearing on SIGINT data analysis.

5.9.4.1 The contractor shall conduct SIGINT analysis or analysis support as specified in the TO. The contractor shall be responsible for producing product types described in the TO. Product due dates may be specified in the TO or may be provided in writing after TO award. Product due dates may not be changed except by TO modification.

5.9.5 NASIC Data Management System (NDMS) Upgrades and Enhancements. The contractor shall upgrade and enhance the NASIC Data Management System (NDMS) to provide long-term storage and management capabilities for specialized signals and data sets. The contractor shall automate data management processes, improve interfaces with NASIC and national databases and systems used for management, tracking, identifying, transmitting, cataloging, and storing of signals data. The contractor shall implement hardware and software system improvements and expansion to the existing storage sub-systems and data management to facilitate growing mission, access to new data sets, improve access speeds, and reduce system administration overhead burden and maintenance costs.

6.0 Delivery Schedule

Deliverables and schedule will be provided at the TO level. All data items shall be delivered to the Government in compliance with the established performance measures and quality requirements as specified.

7.0 Meeting Attendance/Travel

7.1 Meeting Attendance. The contractor shall participate in regular team meetings, technical interchange meetings, and interface control working group meetings as required. The contractor shall prepare and present briefings to the Government when requested on the results of efforts undertaken for this PWS.

7.2 Travel Requirements. The Contractor may be required to travel within the CONUS and OCONUS. Travel (to include security clearance requests) within the CONUS must be coordinated and authorized by the GSA CO or Government Technical Monitor at least 15 business days prior to trip (unless notification was received by the CO or Government Technical Monitor after that period) and prior to incurring costs. Contractor costs for travel will be reimbursed in accordance with FAR 31.205-46, in arrears. The travel costs shall be reasonable and allowable as defined in FAR 31.201 and in accordance with the limitations of the Joint Travel Regulation.

For OCONUS travel, the contractor shall comply with the Foreign Clearance Guide (FCG) and shall be responsible for ensuring timely compliance with all FCG requirements. The contractor shall be responsible for all preparations to include, passports, inoculations, and

transportation expenses. All clearance requests shall be sent to the GSA CO or Government Technical Monitor at least 30 calendar days prior to the trip (unless notification was received by the CO or Government Technical Monitor after that period) and prior to incurring costs. The travel costs shall be reasonable and allowable as defined in FAR 31.201 and in accordance with the limitations of the Department of State Standardized Regulation.

The contractor shall invoice monthly on the basis of cost incurred. The contractor must provide documentation in support of all travel expenses. The contractor will not be reimbursed for local travel (within a 50-mile radius of the Government/contractor's facility) or commuter travel (commute from home to work site).

Invoice submissions including travel costs shall include completed travel expense sheets (i.e., travel voucher) for each trip and each employee who traveled. The travel expense report, receipts of \$75 or more (with exceptions being lodging and transportation), and supporting documentation (e.g., approval email for exceeding per diem rates, cost comparisons, etc.) shall be submitted with the invoice. Expense report(s) must include the traveler's name, dates of travel, destination, purpose of travel, Approval Authority documentation (e.g., copy of the e-mail authorizing travel by Government official), and cost for each trip. All travel costs shall be compiled into the Government provided travel expense sheet provided within the TO or similar document that has been determined to be acceptable by the Government. The entire submission shall be complete and organized to enable the Government to complete an efficient review. Submissions that are not complete and organized are subject to rejection.

8.0 Personnel

8.1 The contractor shall ensure personnel performing on TOs have the proper credentials allowing them to work in the U.S. Persons later found to be undocumented or illegal aliens will be remanded to the proper authorities.

8.2 **Personnel Skill Levels.** The skill level an individual qualifies for is dependent upon relevant education, experience and capabilities of the individual which equip him/her to perform within the proposed labor category. For each TO, the contractor shall propose the required disciplines, skill mix and level, which are most effective for accomplishing the task.

8.2.1 The contractor shall propose individuals with skills meeting the requirements specified in the subsequent TO PWS'.

8.3 **Key Personnel.** Key Personnel are defined as those individuals who are essential to the work being performed. Key personnel proposed shall be qualified in the appropriate labor category. The contractor shall provide resume(s) in sufficient detail to allow the Government to assess the qualifications, experience, and security clearance level of the proposed key personnel. The contractor's key personnel shall have valid TOP SECRET/Sensitive Compartmented Information (TS/SCI) security clearances and there shall be a sufficient number of appropriately cleared personnel to handle, store, work with, generate, and manage the classified information associated with these requirements.

8.3.1 Key Personnel Substitution. The contractor shall not remove or replace any personnel designated as Key Personnel without making a written request to and receiving written concurrence from the CO. The contractor's request for a change to Key Personnel shall be made no later than ten (10) calendar days in advance of any proposed substitute(s) and shall include a justification for the change. The request shall (1) indicate the labor category or labor categories affected by the proposed change, (2) include resume(s) of the proposed substitute in sufficient detail to allow the Government to assess their qualifications, experience, and security clearance level, and (3) include a statement addressing the impact of the change on the contractor's performance.

8.3.2 Non-Key Personnel Substitutions

8.3.2.1 The contractor shall ensure that all proposed replacements (temporary or permanent) meet the security requirements for the replaced individual and all substituted personnel shall have equal or better qualifications than the individual they replace, subject to the Government's discretion.

8.3.2.2 The contractor shall notify the Government of any potential vacancy and prior to any staff member being removed, rotated, re-assigned, diverted or replaced.

8.3.3 Continuity of Qualified Personnel. The contractor shall maintain sufficient staffing levels to accomplish all required tasks. This includes a sufficient number of personnel with appropriate security clearance to handle, store, work with, generate, and manage any classified information associated with this BPA and any TOs awarded under this BPA.

8.3.3.1 **Personnel Transition.** The contractor shall make every effort to perform tasks without loss of service to the Government. This may necessitate the use of temporary personnel to fill short term gaps between permanently assigned employees. Failure of the contractor to employ an adequate number of qualified, appropriately cleared personnel will not be an excuse for failure to perform this work within the cost, performance, and delivery parameters of this contract or any TO awarded under this BPA.

8.4 Management and Training. The contractor shall be responsible for selecting personnel who are well qualified to perform the required services, versed in supervising techniques used in their work, and for keeping personnel informed of all improvements, changes, and methods of operation.

8.5 Exceptions to Personnel Qualifications. NASIC will accept nationally recognized experts and other personnel well qualified in the various labor categories in lieu of specified degree requirements on a case by case basis. When requested, the contractor shall furnish the specific qualifications of each individual proposed to work on the task. If key individuals are proposed who the contractor claims are nationally recognized experts or otherwise well qualified individuals, sufficient detail should be given to allow evaluators to verify this claim. Examples of special qualifications that will be recognized will include, but not be limited to: (a) years of experience in the discipline(s) required for this effort; (b) publications; (c) presentations at national level conferences; (d) patents; (e) copyrights; (f) professional affiliations; (g) university affiliations; and (h) special recognition(s), awards, and honors. All

nationally recognized experts shall adhere to the same security clearance requirements, standards of conduct, and moral and ethical requirements. NASIC reserves the right to disapprove personnel not believed to be technically qualified.

9.0 Government Furnished Facilities, Equipment And Information

9.1 Government Furnished Equipment/Government Furnished Property (GFE/GFP).

The contractor shall have access to the GFE/GFP specified below. If the contractor requires any additional GFE/GFP to accomplish individual TOs, the contractor shall specify the requirements in the technical proposal, and shall be subject to Government approval. Should the Government disapprove any GFE/GFP requested in the proposal; the contractor shall be prepared to accomplish the requirements of the PWS without the requested GFE/GFP.

9.1.1 Facilities and Services NASIC will provide work space, furniture, access to business telephones (for business purposes only) and the computer time as required for work performed on-site at Wright Patterson AFB, OH at no additional cost to the contractor. Any requirements for additional GFE will be stated in each TO. All GFE shall be returned at the end of the period of performance unless otherwise stated in writing by the contracting officer.

9.1.2 Information Sources. Qualified Government personnel will be available to provide technical input, answer questions, review completed draft deliverables and provide feedback. Timely communication is essential to meet shortened suspense dates, particularly as it relates to documentation and informational meetings and briefings. NASIC will provide access to JWICS, NIPRNET, and all-source intelligence data required to complete the items in the PWS.

9.1.3 Contractor Liability. The contractor shall conserve and protect Government resources. The use of these resources for non-Governmental use is prohibited. The contractor shall repair any Government-owned equipment, which is damaged through or by the fault of the contractor, with equipment of equal or better quality, at no cost to the Government. All repairs and/or replacement of GFE/GFP must be pre-approved by the contracting officer.

9.1.4 GFE/GFP Inventory. The contractor shall maintain a current list of all GFE/GFP broken out by active task order and provide it to the contracting officer.

9.2 Rehabilitation Act Compliance (Section 508). Unless otherwise exempt, all services and/or products provided in response to this requirement shall comply with Section 508 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794d), and the Architectural and Transportation Barriers Compliance Board Electronic and Information Technology (EIT) Accessibility Standards (36 CFR part 1194.)

10.0 Place of Performance

10.1 Primary Locations. The majority of the work shall be accomplished at the contractor's facility and at NASIC, 4180 Watson Way, Wright-Patterson AFB, Ohio 45433-5648.

10.2 Additional Locations. Contractor work space may be required in various locations within the CONUS as stated on the DD254.

11.0 Security

11.1 Special Access Program (SAP) access may be required of certain personnel on some TOs.

11.2 The contractor shall submit a DD Form 254 for all assigned subcontractors within 30 calendar days of issuance of first TO from this BPA.

11.3 The contractor shall submit an SCI Eligibility Nomination Package and SF86 for each proposed individual requiring TS/SCI to the COR within 10 calendar days of TO award.

11.3.1 In the event an individual's eligibility decision exceeds 30 calendars days beyond the TO award date, the Government reserves the right to request the nomination of a replacement candidate. Where no suitable candidate is nominated within 10 calendar days of the Government request, the Government reserves the right to cancel the TO award and issue a subsequent TO award.

11.4 The Use of Foreign Nationals. A foreign national is defined as all persons not citizens of, not nationals of or immigrant aliens to the U.S. It is expected that some materials marked NOT RELEASABLE TO FOREIGN NATIONALS (NOFORN) will be passed to the contractor in support of various tasks issued. Any Foreign National will be prohibited from reviewing material with this handling caveat. Per DoD 5220.22-R, dated 17 Feb 87, paragraph 1-237, Immigrant alien is defined as any person lawfully admitted into the U.S. under an immigration visa for permanent residence.

11.5 Privacy Act Information. The provisions of the Privacy Act of 1974 protect information, and, therefore all contractor personnel and any subcontractors assigned to this contract shall take the proper precautions to protect the information from unauthorized disclosure.

11.6 Operational Security (OPSEC). Critical Information (CI) associated with any TO shall be protected to prevent adversary collection and exploitation. The contractor shall implement security requirements as directed by the Government's OPSEC Plan including initial training and reoccurring training, which shall be provided as Government Furnished Information (GFI).

11.7 Non-Disclosure Agreement. When specified, contractor personnel shall complete and sign a "Contractor Employee Non-Disclosure Agreement". A copy of each signed and witnessed Non-Disclosure agreement shall be submitted to the contracting officer prior to performing any work.

12.0 Special Instructions

12.1 Guaranteed Final Report. Final reports shall be required for each subtask and shall be defined at the TO level.

12.2 Contractor Holidays. The prices/costs in the contract include holiday observances; accordingly, the Government will not be billed for such holidays. Any work to be performed on an observed holiday, shall be submitted for approval to the CO a minimum of 10 days before the work is to occur. The request shall include the name of the contractor, the number of hours requested, and a Government POC who will be available to sign the contractor in and out of the facility. If approved by the CO, the contractor shall only bill the Government at the established hourly rate, and not at a higher holiday/overtime rate. The following days are considered holidays:

12.2.1 All days issued by Executive Order by The President of the United States;

12.2.2 New Year's Day

12.2.3 Martin Luther King Jr. Day

12.2.4 President's Day

12.2.5 Memorial Day

12.2.6 Independence Day

12.2.7 Labor Day

12.2.8 Columbus Day

12.2.9 Veteran's Day

12.2.10 Thanksgiving

12.2.11 Christmas

12.3 Identification of Contractor Personnel. Contractors shall identify themselves as contractors during meetings, telephone conversations, and in electronic messages, or correspondence. All contractor-occupied Government facilities shall be clearly identified with contractor supplied signs, or name plates identifying these are contractor work areas.

12.4 Man-year Definition. For the purposes of this PWS one (1) man-year is defined as a total of 1920 labor hours.

12.5 Close-Out Procedures. The contractor is required as a deliverable of each TO to provide a final invoice no later than 30 calendar days after the end of each individual TO period of performance. Additionally, the contractor shall provide a Release of Claims no later than 60 calendar days from the submittal of the respective TO final invoice. The order will be modified for closeout.

12.6 Emergency Conditions. In the event an emergency is declared for WPAFB necessitating the implementation of an alternate work schedule (other than a standard 8-hour day, Monday-Friday work week), services provided under this contract may require

implementation of an alternate work schedule, not to exceed a 40-hour work week. The Contracting Officer will make notification to the appropriate contractor's point of contact. A modified work schedule will be adopted for the duration of the declared emergency and the contractor will comply with the provisions of that alternate work schedule.

12.7 Information Technology (IT)

12.7.1 All IT solutions implemented at NASIC shall conform to and shall be in compliance with the NASIC Enterprise Architecture as published by the Enterprise Architecture Office (EAO) and approved by the NASIC Chief Information Officer (CIO). Deviations from the NASIC IT standards shall be addressed through the processes outlined in NASICI 33-108 and NASICI 90-103 accordingly. All contractors and personnel requiring accounts with elevated system/network privileges shall be trained and certified in accordance with DoD 8570.01-M – Information Assurance Workforce Improvement Program and DFARs 252.239-7001, Information Assurance contractor Training and Certification Program.

12.7.2 All IT solutions developed under this effort shall be fully turned over to the Government without use restriction or limitation on the Government's ability to provide the IT solution and/or source code to any other third party.

12.8 Contractor Manpower Reporting – Enterprise – wide Contractor Manpower Reporting Application. The contractor shall report all labor hours required for performance of services executed during the Government Fiscal Year no later than October 31 of each calendar year. The contractor shall completely fill in all required data fields using the following web address: <http://www.ecmra.mil/>.

12.9 Personal Service. The client determined that use of the GSA requirements contract to satisfy this requirement is in the best interest of the Government, economic and other factors considered, and this BPA is not being used to procure personal services prohibited by the Federal Acquisition Regulation (FAR) Part 37.104 titled "Personal Services Contract". The Contractor agrees that this is a non-personal services BPA. The Contractor is not, nor shall it hold itself out, to be an agent or partner of, or joint venture with, the Government.

The Contractor agrees that his/her personnel shall neither supervise nor accept supervision from Government employees. The Government will not control the method by which the contractor performs the required tasks. Under no circumstances shall the Government assign tasks to, or prepare work schedules for, individual contractor employees. It shall be the responsibility of the contractor to manage its employees and to guard against any actions that are of the nature of personal services, or give the perception of personal services. If the contractor feels that any actions constitute, or are perceived to constitute personal services, it shall be the contractor's responsibility to notify the CO immediately. These services shall not be used to perform work of a policy/decision making or management nature, i.e., inherently Governmental functions. All decisions relative to programs supported by the contractor shall be the sole responsibility of the Government.

12.10 CONTRACTOR PERFORMANCE ASSESSMENT REPORTING SYSTEM (CPARS) Assessment. Upon request by the Government, the contractor shall submit a self-

evaluation of their performance at least annually utilizing a Government provided template. From time of Government request, the contractor shall have 7 business days to provide input to the GSA COR. The contractor self-assessment will then be submitted to the Government client where they will utilize this information to formulate an independent performance evaluation that will be processed through the Contractor Performance Assessment Reporting System. The requirements of the FAR and its supplements as it pertains to CPARS reporting shall be adhered to.

Appendix 1: SIGINT Software

1.0 Software Development. All software shall be NASIC APPOMATTOX compliant; therefore, software that is not compatible with the APPOMATTOX architecture shall not be considered as a viable submission. Software that is intended to extend the general APPOMATTOX capabilities shall be considered on a case by case basis. Software that falls into this category shall require government approval prior to development or utilization for all software projects.

1.1 Requirements Analysis. Perform analyses of infrastructure, operational, technical, functional, data and interface requirements. Design, develop, compare and evaluate potential technical solutions, concepts or alternatives to meet requirements. Transform statements of requirements into designs that satisfy NASIC needs in a sound technical and cost effective manner. Assess, determine and document the impacts that such solutions or other emerging technologies may have on NASIC mission.

1.1.1 Provide system architectural designs, ensuring that all the requirements for the software items are allocated, refined and documented to facilitate detailed design. Designs shall elaborate and/or refine software requirements to form a basis for the development and implementation of the capabilities and shall conform to NASIC and government standards, and best practices. Designs shall also be consistent with unique user, service, command, agency or community oriented policies and procedures. The design process may include Preliminary, Detailed and Critical Design Reviews (PDRs, DDRs and CDRs).

1.2 Perform software requirements analysis and document the software level requirements describing, at a minimum, the functional capability specifications, performance, interfaces, qualifications requirements, security specifications, human factors engineering, data definition and database requirements, installation and acceptance requirements. Document and present the results.

1.3 Use of NDS. Maintain cognizance of developments in COTS and GOTS software. All development shall maximize the use of such software. Evaluate the planning performed for the use of NDS to ensure that all applicable PWS requirements have been met. Upon acquisition, evaluate the software to determine whether it performs as documented and is adequately documented. Ensure that the software will pass NASIC security and/or information assurance testing (e.g., CTO testing) prior to incorporating it into the software being developed.

1.4 NDS software. For all software/hardware purchased or licensed, arrangements shall be made for licensing and maintenance agreements to transfer to the government upon purchase. All hardware and software must be compliant with NASIC IT architecture and standards.

1.5 Develop/Implement/Code. Satisfy requirements by building system enhancements and/or new engineering developments. Perform software coding and testing for each software component/item in accordance with the approved SDP

1.6 Modification of existing software and documentation. All software to be developed or enhanced shall utilize the design and coding standards of the existing software. All modifications to existing software shall be documented as updates to the existing documentation. All software and database development must adhere to NASIC-33-108 (NASIC

IT Management CONOPS) and its successors and/or addendums. NASIC/SC shall determine which components of NASIC-33-108 will be tailored out on a case-by-case basis. (Ref: Table 7.3 – deliverable 12.) Anticipated documentation includes:

- 1.6.1 Functional Description
- 1.6.2 Data Base Specification
- 1.6.3 User Manual
- 1.6.4 Computer Operation Manual
- 1.6.5 Maintenance Manual
- 1.6.6 System/Subsystem Specification
- 1.6.7 Data Requirements Document
- 1.6.8 Software Unit Specification
- 1.6.9 Implementation Procedures
- 1.6.10 Training Material

1.7 System Documentation. Software documentation furnished under this BPA shall be delivered in electronic format compatible with Microsoft Visio or Office products. Typical documentation shall provide instruction on how to startup, shutdown and troubleshoot the system and lists of hardware and software used and physical and logical interface diagrams. Software delivered in support of SIGINT analysis shall be placed into the NASIC project on G-FORGE. Where applicable, documentation shall address:

- 1.7.1 Startup/shutdown procedures or scripts (to include reboots from unscheduled shutdowns)
- 1.7.2 Key system processes & how to monitor/fix/restart any failed processes or process components
- 1.7.3 Dependencies on other systems and resources
- 1.7.4 Location of all log files pertinent to system resources and applications
- 1.7.5 Rebuild procedures or scripts for a failed system including any procedures to rebuild storage or optional peripheral equipment
- 1.7.6 Rack elevations (in Visio format)
- 1.7.7 Hardware list
- 1.7.8 Software list with versions

- 1.7.9 System interconnection diagrams (in Visio format)
- 1.7.10 Integration. Increase the functional capability of the NASIC APPOMATTOX baseline through system engineering process to fully integrate into the software, documentation and programmatic baseline.
- 1.7.11 Perform system integration with other systems. Test the aggregates as they are developed, against their requirements. Perform software integration and testing. Integrate the software units and software components and test as the aggregates are developed. Ensure the requirements for the software are met.
- 1.7.12 Perform system and software integration and testing.
- 1.7.13 Perform software integration and testing. Integrate the software units and software components and test as the aggregates are developed. Ensure the requirements for the software are met.
- 1.7.14 Perform software qualification testing for each software item.
- 1.7.15 Conduct in-plant testing in accordance with the government-approved test plans. The approved test plans shall include properly formatted documentation necessary to obtain a CTO and other security and/or information assurance approvals. Document the results in the Test Report. (Ref: Table 7.3 – deliverable 12.)
- 1.7.16 Upon successful completion of in-plant testing, install and test at NASIC in accordance with government-approved test plans. Prior to installation into the NASIC production environment, all approvals for installation and all CTO/security and/or information assurance approvals must have been granted by the government. Document the results in the Test Report.

1.8 Configuration Management. Manage a CM and software maintenance process for assigned NASIC systems, activities, applications, databases and infrastructures; prepare and/or analyze BCRs and SPRs; provide implementation strategies in the form of Work Plans (WPs) for effort directed at single or multiple BCRs and/or SPRs or combinations of BCRs and SPRs as identified by the government; and implement software changes associated with BCRs and SPRs. Submit initial WPs and submit updates to WPs as requested by the government due to scheduling, requirements, or other changes.

1.9 Software Problem Reports. Upon receipt of a Software Problem Report (SPR) from the government, investigate the problem to determine probable causes, potential resolutions, effort required, characterizations of various approaches, advantages and disadvantages of approaches, schedule, risks and cost of alternative courses of action to resolve, work around or mitigate the effects of the problem. Present results to the government via a WP for review, discussion, disposition, coordination and approval. Each WP shall contain testable performance requirements, deliverable items, delivery schedule, and cost. Perform the effort in accordance with the government-approved WP to close the SPR keeping the government cognizant of the

status of the effort to achieve its goal of resolution within budget, performance and schedule. Participate in meetings to inform the government as to progress and/or need for approval to change the budget, scope, schedule or deliverables required as the situation may warrant. Deliver materials in compliance with NASIC configuration management, testing, installation practices and guidelines.

1.10 Baseline Change Requests. Upon receipt of a Baseline Change Request (BCR) from the government, perform a requirements analysis to define possible and recommended approaches, effort required, relationships to other ongoing effort, advantages and disadvantages of approaches, schedule, risks and cost of alternatives. Present results via a WP to the government for review, discussion, coordination and approval. Each WP shall contain testable performance requirements, deliverable items, delivery schedule, and cost. Perform the effort in accordance with the government-approved WP to develop the baseline change keeping the appropriate government representatives cognizant of the status of the effort towards achieving the objective within budget, performance and schedule. Participate in meetings to inform the government as to progress and/or need for approval to change the budget, scope, schedule or deliverables required as the situation may warrant. Deliver materials in compliance with NASIC configuration management, testing, installation practices and guidelines.

1.11 Certification and Fielding. Provide full documentation, functionality, and support to meet all testing, security, documentation and functional elements to transition the new or enhanced NASIC baseline capability to the field with full approval to operate at the NASIC and customer locations. Provide technical support for the installation, familiarization, certification and operation that will be maintained for each baseline and targeted customer. (Ref: Table 7.3 – deliverable 12.)

1.12 Perform and support all certification and security activities required to acquire security certification and approval to field. Provide all security and program documentation, support the program security testing, and comply with the NASIC approval processes for fielding the APPOMATTOX baseline(s) within NASIC. Provide familiarization training for system capabilities.

1.13 Distribute and install the developed baseline within the user environment, integrate and configure all required components required for site acceptance and operations.

1.0 GENERAL INSTRUCTIONS

Submitting a quote is the contractor's affirmative statement that they understand all requirements specified in the Performance Work Statement (PWS) and will meet the performance standards and requirements therein. The contractor's quote must be submitted in accordance with and include all information requested by these instructions. **Quotations that are not submitted in accordance with the RFQ instructions may be excluded from award.**

- 1.1 Electronic Quote Submission:** All electronic quotes shall be submitted via GSA eBuy. In addition, all schedule contractors submitting quotes shall register in GSA's electronic acquisition portal, AAS Business Systems Portal (AASBS Portal) IT-Solutions Shop (ITSS) [web address: <https://portal.fas.gsa.gov/>]. Contractors that submit a quote but fail to properly register in AASBS Portal may be considered as failure to submit a quote via these instructions and may result in the contractor's exclusion from consideration. If registration and/or technical assistance is needed, please contact the AASBS Portal Help Desk at 1-877-243-2889.
- 1.2 Hard Copy Quote Submission:** Schedule contractors are required to submit eight (8) hard copies of their quotes in three-ring binders by the due date in paragraph 1.7 below to the following address. It is preferred that the entire quote is contained within a single three-ring binder such that a total of eight (8) binders are submitted.

ATTN: Evan Port
2600 Paramount Place, Suite 180
Fairborn, Ohio 45324

- 1.3 Assumptions:** If terms, conditions, or assumptions are included in a quotation, the quotation may be excluded on grounds that it failed to comply with the RFQ's instructions.
- 1.4 Quote Validity:** All quotations received in response to this RFQ shall remain valid for at least 240 calendar days past the due date specified in 1.7 below.
- 1.5 Exchanges:** The Government intends to evaluate quotations and award a task order without exchanges with schedule contractors. However, the Government reserves the right to conduct exchanges or seek clarifications if the contracting officer determines them to be necessary. The Government further reserves the right to reduce the number of quotations being competitively considered for award to the greatest number that will permit efficient competition among the most highly rated quotations. Schedule contractors will receive written notice if their quotation is removed from consideration for award.

- 1.6 Questions:** Questions regarding this RFQ must be submitted in writing via e-mail to Evan Port at evan.port@gsa.gov no later than February 20, 2019. The Government reserves the right to not answer questions submitted after this time
- 1.7 Due Date:** Quotations are due on March 13, 2019 at 2 PM CT. Late quotes will be processed in accordance with FAR 52.212-1(f).
- 1.8 Number of Awards:** The Government anticipates making three awards resulting from this RFQ. However, the Government reserves the right to make more or fewer than three awards or to make no awards at all.
- 1.9 Quote Incorporation:** Portions of the contractor's quotation may be incorporated into the blanket purchase agreement (BPA) award.
- 1.10 Security Classification:** Quotes must be unclassified.
- 1.11 Page/Font/File Format:** The page format shall have no less than a 1 inch margin using no smaller than a 10 point font for all text. The management and past performance portions of the quotation are to be submitted as a separate Microsoft (MS) Word 2007 or newer files or as PDF documents. The price quotation is to be submitted as a separate MS Excel 2007 or newer file. All Adobe PDF documents and MS Word documents shall be submitted with the ability to highlight and copy the text/data of the document. Any documents submitted that are protected in such a way which does not enable the ability to highlight/copy/paste the text/data will not be accepted. It is the sole responsibility of the schedule contractor to ensure that the electronic files submitted are virus free and can be opened and read by the Government. Quotation submissions shall not be locked, encrypted, or otherwise contain barriers to opening. The Government is under no obligation to seek clarification regarding electronic quotation submissions if submissions cannot be opened or accessed.

2.0 MANAGEMENT QUOTE INSTRUCTIONS:

- 2.1 Page Limitations:** The management portion of the quotation is limited to a maximum of 35 pages. The following items will not be considered when calculating page limits: cover page, table of contents, ~~or~~ the glossary, or resumes for key personnel. Page limitations shall not be circumvented by including inserted text boxes, pop-ups, or hyperlinks to additional information. Excess pages will not be read or considered in evaluation of the quotation.

3.0 PAST PERFORMANCE INSTRUCTIONS:

The past performance portion of the quotation shall be submitted as a separate electronic document from the management portion of the quotation.

- 3.1 Past Performance Information Sheets:** The contractor shall submit information in accordance with Appendix A - Past Performance Information Sheet on a minimum of three and a maximum of five recent contracts that the prime contractor considers most appropriate in demonstrating its ability to perform this requirement. The Government will only consider contracts submitted by the prime contractor or contractors under a Contractor Team Arrangement (CTA). When forming CTAs, schedule contractors should follow the guidance for elements of a CTA at the following link: <https://www.gsa.gov/buying-selling/purchasing-programs/gsa-schedules/schedule-features/contractor-team-arrangements>. The Government will not consider contracts submitted for subcontractors or other contractor team members. The page limit for the Past Performance Information Sheets is five pages per effort. The contractor shall include rationale supporting their assertion that the past performance effort meets the definitions of recent and relevant.
- 3.2 Past Performance Questionnaires:** The contractor shall provide the Appendix B, Past Performance Questionnaire found in this attachment, to each of the Government customer Points of Contact (POC) identified for each of the past performance efforts submitted. Appendix C provides a sample Questionnaire Cover Letter for use when providing the Past Performance Questionnaires to the Government POCs. Contractors should request the Government customer POCs complete and e-mail the questionnaires directly to Evan Port, evan.port@gsa.gov, and shall be received by the Government by the due date for quotes listed in paragraph 1.7 above. Early submission of the Past Performance Questionnaires is encouraged. In order to expedite the assessment process, the contractor may complete Sections I and II of the Past Performance Questionnaire for the convenience of the Government customer POC. The contractor shall not, however, complete any other section of the Past Performance Questionnaire. Once the questionnaires are completed by the customer POCs, the information contained therein shall be considered sensitive and shall not be released to the contractor.
- 3.3 Organizational Structure Change History:** Many companies have acquired, been acquired by, or otherwise merged with other companies, and/or reorganized their divisions, business groups, subsidiary companies, etc. In many cases, these changes have taken place during the time of performance of relevant past efforts or between conclusion of recent past efforts and this source selection. As a result, it can be difficult to determine what past performance is relevant to this procurement. To

facilitate this relevancy determination, include a "roadmap" describing all such changes in the organization of your company. A pamphlet or other commercial document describing such reorganizations may suffice. As part of this explanation, show how these changes impact the relevance of any efforts you identify for past performance evaluation/confidence assessment. There is no page limitation for this explanation.

4.0 PRICE QUOTE INSTRUCTIONS:

The price portion of the quotation shall be submitted as a separate electronic document from the management and past performance portions of the quotation.

- 4.1 Pricing Detail:** Pricing must include the labor categories and rates to be used to accomplish the requirements of the PWS through the entire 10-year ordering period. Labor categories and rates identified in your quote must be in your GSA schedule or added to your GSA schedule by time of award, and your GSA schedule must be active at time of award. If your GSA schedule is set to expire within the total 10-year ordering period, you must provide labor rates for the remainder of the ordering period based on approved escalation percentages in your current GSA schedule.
- 4.2 Discounts:** The Government is requesting discounts to GSA schedule rates.
- 4.3 Price Realism:** The Government reserves the right, but is not obligated, to conduct a realism analysis.

5.0 CONTRACT DOCUMENTATION INSTRUCTIONS:

The contract documentation portion of the quote shall be submitted as a separate electronic document. There is no page limitation for this portion of the quote.

- 5.1 GSA Schedule Contract:** Schedule contractors shall provide information as to how they will comply with any potential GSA Schedule contract period of performance limitations they might have when complying with FAR 8.405-3(d)(3). This should include information as to the current validity of the GSA Schedule contract; whether the contract is currently in the 5-year base period or in one of the 5-year option periods (i.e. Option 1, 2, or 3) and, if applicable, any actions the schedule contractor will take to ensure the GSA Schedule contract will be active throughout the potential 10-year BPA ordering period.
- 5.2 Organizational and Consultant Conflicts of Interest (OCCI):** Each schedule contractor shall specifically identify in its quote whether or not any potential or actual OCCI, as described FAR 9.5, exists for this procurement. If the schedule contractor believes that no OCCI exists, the OCCI response shall set forth sufficient details to support such a position. If a schedule contractor believes that an actual or perceived OCCI does

exist on this procurement, the schedule contractor shall submit an OCCI plan with the quote, explaining in detail how the OCCI will be mitigated and/or avoided.

- 5.3 CTAs:** If a CTA is utilized, schedule contractors shall provide the CTA Agreement with their quote. The Government will review the CTA Agreement to ensure that it understands the CTA. It is recommended that CTA Agreements include the Recommended Team Agreement Elements at the following link: <https://www.gsa.gov/buying-selling/purchasing-programs/gsa-schedules/schedule-features/contractor-team-arrangements>.

NOTE: Due to system limitations, GSA is only able to award a task order to a single contractor. Thus, while a CTA may or may not choose to appoint a “lead” member for the overall BPA, the CTA must appoint a “lead” member for each task order for contract administration, invoicing, and payment purposes. The “lead” does not need to be the same CTA member for every task order.

APPENDIX A
PAST PERFORMANCE INFORMATION

Provide the information requested in this form for each contract reference. Provide frank, concise comments regarding your performance on the contracts you identify. Provide a separate completed form for each contract/program submitted. Limit the number of references submitted and the length of each submission to the limitations set forth at paragraph 3.1 of this attachment.

A. Contractor Name (Company/Division): _____

CAGE Code: _____

DUNS Number: _____

(NOTE: If the company or division performing this effort is different than the contractor or the relevance of this effort to the instant procurement is impacted by any company/corporate organizational change, note those changes -- refer to paragraph 3.4 of this attachment.

B. Program Title: _____

C. Contract Specifics:

1. Contracting Agency or Customer _____

2. Contract Number _____

3. Contract Type _____

4. Period of Performance _____

5. Initial Contract Cost/Price _____

6. Current/final Contract Cost/Price _____

7. Annual Contract \$ Value _____

8. If Amounts for 5 and 6 above are different, provide a brief description of the reason

D. Brief Description of Effort:

E. Completion Date:

1. Original date: _____

2. Current Schedule: _____

3. Estimate at Completion: _____

4. How Many Times Changed: _____

5. Primary Causes of Change: _____

F. Primary Customer Points of Contact: (For Government contracts, provide current information on both individuals. For commercial contracts, provide points of contact fulfilling these same roles.)

1. Program Manager/COR: Name _____
 Office _____

Address _____

Telephone _____

2. Contracting Officer:

Name _____

Office _____

Address _____

Telephone _____

G. Address any technical/management (or other) area about this contract/program considered unique.

H. For each of the relevancy areas listed in 1.2.2 of RFQ Attachment 3, illustrate how your experience on this program applies to that relevancy area.

I. Specify, by name, any key individuals who participated in this program and are proposed to support the instant procurement. Also, indicate their contractual roles for both procurements.

J. Describe the nature or portion of the work on the proposed effort to be performed by the business entity being reported here. Also, estimate the percentage of the total proposed effort to be performed by this entity.

APPENDIX B
PAST PERFORMANCE QUESTIONNAIRE

SECTION I: CONTRACT IDENTIFICATION

1. Contractor: _____
2. Cage Code of contractor contract was awarded to: _____
3. Contract number: _____
4. Contract type (e.g., firm fixed price, cost plus, etc.): _____
5. Was this a competitively awarded contract? Yes _____ No _____
6. Period of performance: _____
7. Initial contract cost: \$ _____
8. Current/final contract cost: \$ _____
9. Reasons for differences between initial contract cost and final contract cost:

10. Description of products/service provided: _____

11. Geographic description of services under this contract, e.g., local, nationwide, worldwide, other Commands, etc.: _____

SECTION II. EVALUATOR AND AGENCY IDENTIFICATION

- A. Agency (customer) name: _____
- B. Evaluator's name and title: _____
- C. Evaluator's phone number and email address: _____

SECTION III. PAST PERFORMANCE QUESTIONS/EVALUATION
(Circle your response, and/or provide written responses, when applicable.)

1. Technical Performance

- a. Did the contractor meet the technical requirements of the PWS?

Yes No

If no, please explain:

b. What was the overall quality of the contractor's performance? _____

2. Program Management

a. Did the contractor effectively manage and direct the contract?

Yes No

If no, please explain:

b. Did the contractor maintain good business relations with the agency?

Yes No

If no, please explain:

3. Transition/Phase-In

Did the contractor smoothly transition its resources and personnel?

Yes No

If no, please explain:

4. Employee Staff and Retention

a. Did the contractor recruit, hire, train and retain a qualified workforce with the appropriate skill levels during the term of the contract, and maintain a low turnover rate?

Yes No

If no, please explain:

b. Did the contractor replace departing personnel with employees of the same quality and skills and do so with minimal disruption to contract performance?

Yes No

If no, please explain:

5. Cost Performance

a. Did the contractor effectively forecast, manage and control costs? Did it alert the agency of unforeseen costs before they occurred?

Yes No

If no, please explain:

b. Did the contractor meet forecasted costs and perform within contract costs?

Yes No

If no, please explain:

For question number 6, please use ONE of the following performance levels to answer the question:

EXCEPTIONAL (E) (Blue) - During the contract period, contractor performance meets or met contractual requirements and exceeds or exceeded many to the Government's benefit. The contractual performance of the element or sub-element being assessed was accomplished with few minor problems for which corrective actions taken by the contractor were highly effective.

VERY GOOD (VG) (Purple) - During the contract period, contractor performance meets or met contractual requirements and exceeds or exceeded some to the Government's benefit. The contractual performance of the element or sub-element being assessed was accomplished with some minor problems for which corrective actions taken by the contractor were effective

SATISFACTORY(S) (Green) – During the contract period, contractor performance meets or met contractual requirements. The contractual performance of the element or sub-element being assessed contained some minor problems for which corrective actions taken by the contractor appear or were satisfactory.

MARGINAL (M) (Yellow) – During the contract period, contractor performance does not or did not meet some contractual requirements. The contractual performance of the element or sub-element being assessed reflects a serious problem for which the contractor has not yet identified corrective actions. The contractor's proposed actions appear only marginally effective or were not fully implemented.

UNSATISFACTORY (U) (Red) – During the contract period, contractor performance does not or did not meet most contractual requirements and recovery in a timely manner is not likely. The

contractual performance of the element or sub-element contains serious problem(s) for which the contractor's corrective actions appear or were ineffective.

6. What is your OVERALL level of satisfaction with the contractor's performance?

Exceptional Very Good Satisfactory Marginal Unsatisfactory

SECTION IV. RETURN OF COMPLETED FORM

Please return your completed form to: Evan Port, evan.port@gsa.gov

APPENDIX C

SAMPLE QUESTIONNAIRE COVER LETTER

LETTERHEAD

(Date)

FOR OFFICIAL USE ONLY

The General Services Administration is in the process of selecting a contractor for the United States Air Force's requirement for scientific and technical intelligence support services (ID05190006). One of the considerations in quote evaluation is the verification of the contractor's past and present performance on contracts, which reflect the contractor's ability to perform on the proposed effort. We depend on information received from agencies such as yours, which have had firsthand experience with a contractor, for the evaluation of the contractor's performance on those contracts.

Our areas of interest in the contractor are summarized in the enclosed questionnaire. As discussed in our initial phone contact with your office, our schedule is extremely tight and we need your written response no later than _____ calendar days after your receipt of this letter. To assist you in preparing your response and expediting your reply, the questionnaire may be filled out by hand and emailed to evan.port@gsa.gov

Please contact Evan Port at evan.port@gsa.gov prior to emailing or if you have any questions. Your completed questionnaire will become a part of the official contract file. Your help is greatly appreciated and your prompt response will be one of the keys to the successful and timely completion of this Source Selection.

Signature

1 Atch
Questionnaire

1.0 GENERAL INSTRUCTIONS

Submitting a quote is the contractor's affirmative statement that they understand all requirements specified in the Performance Work Statement (PWS) and will meet the performance standards and requirements therein. The contractor's quote must be submitted in accordance with and include all information requested by these instructions. **Quotations that are not submitted in accordance with the RFQ instructions may be excluded from award.**

- 1.1 Electronic Quote Submission:** All electronic quotes shall be submitted via GSA eBuy. In addition, all schedule contractors submitting quotes shall register in GSA's electronic acquisition portal, AAS Business Systems Portal (AASBS Portal) IT-Solutions Shop (ITSS) [web address: <https://portal.fas.gsa.gov/>]. Contractors that submit a quote but fail to properly register in AASBS Portal may be considered as failure to submit a quote via these instructions and may result in the contractor's exclusion from consideration. If registration and/or technical assistance is needed, please contact the AASBS Portal Help Desk at 1-877-243-2889.
- 1.2 Hard Copy Quote Submission:** Schedule contractors are required to submit eight (8) hard copies of their quotes in three-ring binders by the due date in paragraph 1.7 below to the following address. It is preferred that the entire quote is contained within a single three-ring binder such that a total of eight (8) binders are submitted.

ATTN: Evan Port
2600 Paramount Place, Suite 180
Fairborn, Ohio 45324

- 1.3 Assumptions:** If terms, conditions, or assumptions are included in a quotation, the quotation may be excluded on grounds that it failed to comply with the RFQ's instructions.
- 1.4 Quote Validity:** All quotations received in response to this RFQ shall remain valid for at least 240 calendar days past the due date specified in 1.7 below.
- 1.5 Exchanges:** The Government intends to evaluate quotations and award a task order without exchanges with schedule contractors. However, the Government reserves the right to conduct exchanges or seek clarifications if the contracting officer determines them to be necessary. The Government further reserves the right to reduce the number of quotations being competitively considered for award to the greatest number that will permit efficient competition among the most highly rated quotations. Schedule contractors will receive written notice if their quotation is removed from consideration for award.

- 1.6 Questions:** Questions regarding this RFQ must be submitted in writing via e-mail to Evan Port at evan.port@gsa.gov no later than February 20, 2019. The Government reserves the right to not answer questions submitted after this time
- 1.7 Due Date:** Quotations are due on March 13, 2019 at 2 PM CT. Late quotes will be processed in accordance with FAR 52.212-1(f).
- 1.8 Number of Awards:** The Government anticipates making three awards resulting from this RFQ. However, the Government reserves the right to make more or fewer than three awards or to make no awards at all.
- 1.9 Quote Incorporation:** Portions of the contractor's quotation may be incorporated into the blanket purchase agreement (BPA) award.
- 1.10 Security Classification:** Quotes must be unclassified.
- 1.11 Page/Font/File Format:** The page format shall have no less than a 1 inch margin using no smaller than a 10 point font for all text. The management and past performance portions of the quotation are to be submitted as a separate Microsoft (MS) Word 2007 or newer files or as PDF documents. The price quotation is to be submitted as a separate MS Excel 2007 or newer file. All Adobe PDF documents and MS Word documents shall be submitted with the ability to highlight and copy the text/data of the document. Any documents submitted that are protected in such a way which does not enable the ability to highlight/copy/paste the text/data will not be accepted. It is the sole responsibility of the schedule contractor to ensure that the electronic files submitted are virus free and can be opened and read by the Government. Quotation submissions shall not be locked, encrypted, or otherwise contain barriers to opening. The Government is under no obligation to seek clarification regarding electronic quotation submissions if submissions cannot be opened or accessed.

2.0 MANAGEMENT QUOTE INSTRUCTIONS:

- 2.1 Page Limitations:** The management portion of the quotation is limited to a maximum of 35 pages. The following items will not be considered when calculating page limits: cover page, table of contents, the glossary, resumes for key personnel, or labor category descriptions. Page limitations shall not be circumvented by including inserted text boxes, pop-ups, or hyperlinks to additional information. Excess pages will not be read or considered in evaluation of the quotation.

3.0 PAST PERFORMANCE INSTRUCTIONS:

The past performance portion of the quotation shall be submitted as a separate electronic document from the management portion of the quotation.

- 3.1 Past Performance Information Sheets:** The contractor shall submit information in accordance with Appendix A - Past Performance Information Sheet on a minimum of three and a maximum of five recent contracts that the prime contractor considers most appropriate in demonstrating its ability to perform this requirement. The Government will only consider contracts submitted by the prime contractor or contractors under a Contractor Team Arrangement (CTA). When forming CTAs, schedule contractors should follow the guidance for elements of a CTA at the following link: <https://www.gsa.gov/buying-selling/purchasing-programs/gsa-schedules/schedule-features/contractor-team-arrangements>. The Government will not consider contracts submitted for subcontractors or other contractor team members. The page limit for the Past Performance Information Sheets is five pages per effort. The contractor shall include rationale supporting their assertion that the past performance effort meets the definitions of recent and relevant.
- 3.2 Past Performance Questionnaires:** The contractor shall provide the Appendix B, Past Performance Questionnaire found in this attachment, to each of the Government customer Points of Contact (POC) identified for each of the past performance efforts submitted. Appendix C provides a sample Questionnaire Cover Letter for use when providing the Past Performance Questionnaires to the Government POCs. Contractors should request the Government customer POCs complete and e-mail the questionnaires directly to Evan Port, evan.port@gsa.gov, and shall be received by the Government by the due date for quotes listed in paragraph 1.7 above. Early submission of the Past Performance Questionnaires is encouraged. In order to expedite the assessment process, the contractor may complete Sections I and II of the Past Performance Questionnaire for the convenience of the Government customer POC. The contractor shall not, however, complete any other section of the Past Performance Questionnaire. Once the questionnaires are completed by the customer POCs, the information contained therein shall be considered sensitive and shall not be released to the contractor.
- 3.3 Organizational Structure Change History:** Many companies have acquired, been acquired by, or otherwise merged with other companies, and/or reorganized their divisions, business groups, subsidiary companies, etc. In many cases, these changes have taken place during the time of performance of relevant past efforts or between conclusion of recent past efforts and this source selection. As a result, it can be difficult to determine what past performance is relevant to this procurement. To

facilitate this relevancy determination, include a "roadmap" describing all such changes in the organization of your company. A pamphlet or other commercial document describing such reorganizations may suffice. As part of this explanation, show how these changes impact the relevance of any efforts you identify for past performance evaluation/confidence assessment. There is no page limitation for this explanation.

4.0 PRICE QUOTE INSTRUCTIONS:

The price portion of the quotation shall be submitted as a separate electronic document from the management and past performance portions of the quotation.

- 4.1 Pricing Detail:** Pricing must include the labor categories and rates to be used to accomplish the requirements of the PWS through the entire 10-year ordering period. Labor categories and rates identified in your quote must be in your GSA schedule or added to your GSA schedule by time of award, and your GSA schedule must be active at time of award. If your GSA schedule is set to expire within the total 10-year ordering period, you must provide labor rates for the remainder of the ordering period based on approved escalation percentages in your current GSA schedule.
- 4.2 Discounts:** The Government is requesting discounts to GSA schedule rates.
- 4.3 Price Realism:** The Government reserves the right, but is not obligated, to conduct a realism analysis.

5.0 CONTRACT DOCUMENTATION INSTRUCTIONS:

The contract documentation portion of the quote shall be submitted as a separate electronic document. There is no page limitation for this portion of the quote.

- 5.1 GSA Schedule Contract:** Schedule contractors shall provide information as to how they will comply with any potential GSA Schedule contract period of performance limitations they might have when complying with FAR 8.405-3(d)(3). This should include information as to the current validity of the GSA Schedule contract; whether the contract is currently in the 5-year base period or in one of the 5-year option periods (i.e. Option 1, 2, or 3) and, if applicable, any actions the schedule contractor will take to ensure the GSA Schedule contract will be active throughout the potential 10-year BPA ordering period.
- 5.2 Organizational and Consultant Conflicts of Interest (OCCI):** Each schedule contractor shall specifically identify in its quote whether or not any potential or actual OCCI, as described FAR 9.5, exists for this procurement. If the schedule contractor believes that no OCCI exists, the OCCI response shall set forth sufficient details to support such a position. If a schedule contractor believes that an actual or perceived OCCI does

exist on this procurement, the schedule contractor shall submit an OCCI plan with the quote, explaining in detail how the OCCI will be mitigated and/or avoided.

- 5.3 CTAs:** If a CTA is utilized, schedule contractors shall provide the CTA Agreement with their quote. The Government will review the CTA Agreement to ensure that it understands the CTA. It is recommended that CTA Agreements include the Recommended Team Agreement Elements at the following link: <https://www.gsa.gov/buying-selling/purchasing-programs/gsa-schedules/schedule-features/contractor-team-arrangements>. **NOTE: Due to system limitations, GSA is only able to award a task order to a single contractor. Thus, while a CTA may or may not choose to appoint a “lead” member for the overall BPA, the CTA must appoint a “lead” member for each task order for contract administration, invoicing, and payment purposes. The “lead” does not need to be the same CTA member for every task order.**

APPENDIX A
PAST PERFORMANCE INFORMATION

Provide the information requested in this form for each contract reference. Provide frank, concise comments regarding your performance on the contracts you identify. Provide a separate completed form for each contract/program submitted. Limit the number of references submitted and the length of each submission to the limitations set forth at paragraph 3.1 of this attachment.

A. Contractor Name (Company/Division): _____
CAGE Code: _____
DUNS Number: _____

(NOTE: If the company or division performing this effort is different than the contractor or the relevance of this effort to the instant procurement is impacted by any company/corporate organizational change, note those changes -- refer to paragraph 3.4 of this attachment.

B. Program Title: _____

C. Contract Specifics:

1. Contracting Agency or Customer _____
2. Contract Number _____
3. Contract Type _____
4. Period of Performance _____
5. Initial Contract Cost/Price _____
6. Current/final Contract Cost/Price _____
7. Annual Contract \$ Value _____
8. If Amounts for 5 and 6 above are different, provide a brief description of the reason

D. Brief Description of Effort:

E. Completion Date:

1. Original date: _____
2. Current Schedule: _____
3. Estimate at Completion: _____
4. How Many Times Changed: _____
5. Primary Causes of Change: _____

F. Primary Customer Points of Contact: (For Government contracts, provide current information on both individuals. For commercial contracts, provide points of contact fulfilling these same roles.)

1. Program Manager/COR: Name _____
Office _____

Address _____

Telephone _____

2. Contracting Officer:

Name _____

Office _____

Address _____

Telephone _____

G. Address any technical/management (or other) area about this contract/program considered unique.

H. For each of the relevancy areas listed in 1.2.2 of RFQ Attachment 3, illustrate how your experience on this program applies to that relevancy area.

I. Specify, by name, any key individuals who participated in this program and are proposed to support the instant procurement. Also, indicate their contractual roles for both procurements.

J. Describe the nature or portion of the work on the proposed effort to be performed by the business entity being reported here. Also, estimate the percentage of the total proposed effort to be performed by this entity.

APPENDIX B
PAST PERFORMANCE QUESTIONNAIRE

SECTION I: CONTRACT IDENTIFICATION

1. Contractor: _____
2. Cage Code of contractor contract was awarded to: _____
3. Contract number: _____
4. Contract type (e.g., firm fixed price, cost plus, etc.): _____
5. Was this a competitively awarded contract? Yes _____ No _____
6. Period of performance: _____
7. Initial contract cost: \$ _____
8. Current/final contract cost: \$ _____
9. Reasons for differences between initial contract cost and final contract cost:

10. Description of products/service provided: _____

11. Geographic description of services under this contract, e.g., local, nationwide, worldwide, other Commands, etc.: _____

SECTION II. EVALUATOR AND AGENCY IDENTIFICATION

- A. Agency (customer) name: _____
- B. Evaluator's name and title: _____
- C. Evaluator's phone number and email address: _____

SECTION III. PAST PERFORMANCE QUESTIONS/EVALUATION
(Circle your response, and/or provide written responses, when applicable.)

1. Technical Performance

- a. Did the contractor meet the technical requirements of the PWS?

Yes No

If no, please explain:

b. What was the overall quality of the contractor's performance? _____

2. Program Management

a. Did the contractor effectively manage and direct the contract?

Yes No

If no, please explain:

b. Did the contractor maintain good business relations with the agency?

Yes No

If no, please explain:

3. Transition/Phase-In

Did the contractor smoothly transition its resources and personnel?

Yes No

If no, please explain:

4. Employee Staff and Retention

a. Did the contractor recruit, hire, train and retain a qualified workforce with the appropriate skill levels during the term of the contract, and maintain a low turnover rate?

Yes No

If no, please explain:

b. Did the contractor replace departing personnel with employees of the same quality and skills and do so with minimal disruption to contract performance?

Yes No

If no, please explain:

5. Cost Performance

a. Did the contractor effectively forecast, manage and control costs? Did it alert the agency of unforeseen costs before they occurred?

Yes No

If no, please explain:

b. Did the contractor meet forecasted costs and perform within contract costs?

Yes No

If no, please explain:

For question number 6, please use ONE of the following performance levels to answer the question:

EXCEPTIONAL (E) (Blue) - During the contract period, contractor performance meets or met contractual requirements and exceeds or exceeded many to the Government's benefit. The contractual performance of the element or sub-element being assessed was accomplished with few minor problems for which corrective actions taken by the contractor were highly effective.

VERY GOOD (VG) (Purple) - During the contract period, contractor performance meets or met contractual requirements and exceeds or exceeded some to the Government's benefit. The contractual performance of the element or sub-element being assessed was accomplished with some minor problems for which corrective actions taken by the contractor were effective

SATISFACTORY(S) (Green) – During the contract period, contractor performance meets or met contractual requirements. The contractual performance of the element or sub-element being assessed contained some minor problems for which corrective actions taken by the contractor appear or were satisfactory.

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UNSATISFACTORY (U) (Red) – During the contract period, contractor performance does not or did not meet most contractual requirements and recovery in a timely manner is not likely. The

contractual performance of the element or sub-element contains serious problem(s) for which the contractor's corrective actions appear or were ineffective.

6. What is your OVERALL level of satisfaction with the contractor's performance?

Exceptional Very Good Satisfactory Marginal Unsatisfactory

SECTION IV. RETURN OF COMPLETED FORM

Please return your completed form to: Evan Port, evan.port@gsa.gov

APPENDIX C

SAMPLE QUESTIONNAIRE COVER LETTER

LETTERHEAD

(Date)

FOR OFFICIAL USE ONLY

The General Services Administration is in the process of selecting a contractor for the United States Air Force's requirement for scientific and technical intelligence support services (ID05190006). One of the considerations in quote evaluation is the verification of the contractor's past and present performance on contracts, which reflect the contractor's ability to perform on the proposed effort. We depend on information received from agencies such as yours, which have had firsthand experience with a contractor, for the evaluation of the contractor's performance on those contracts.

Our areas of interest in the contractor are summarized in the enclosed questionnaire. As discussed in our initial phone contact with your office, our schedule is extremely tight and we need your written response no later than _____ calendar days after your receipt of this letter. To assist you in preparing your response and expediting your reply, the questionnaire may be filled out by hand and emailed to evan.port@gsa.gov

Please contact Evan Port at evan.port@gsa.gov prior to emailing or if you have any questions. Your completed questionnaire will become a part of the official contract file. Your help is greatly appreciated and your prompt response will be one of the keys to the successful and timely completion of this Source Selection.

Signature

1 Atch
Questionnaire

1.0 GENERAL INSTRUCTIONS

Submitting a quote is the contractor's affirmative statement that they understand all requirements specified in the Performance Work Statement (PWS) and will meet the performance standards and requirements therein. The contractor's quote must be submitted in accordance with and include all information requested by these instructions. **Quotations that are not submitted in accordance with the RFQ instructions may be excluded from award.**

- 1.1 Electronic Quote Submission:** All electronic quotes shall be submitted via GSA eBuy. In addition, all schedule contractors submitting quotes shall register in GSA's electronic acquisition portal, AAS Business Systems Portal (AASBS Portal) IT-Solutions Shop (ITSS) [web address: <https://portal.fas.gsa.gov/>]. Contractors that submit a quote but fail to properly register in AASBS Portal may be considered as failure to submit a quote via these instructions and may result in the contractor's exclusion from consideration. If registration and/or technical assistance is needed, please contact the AASBS Portal Help Desk at 1-877-243-2889.
- 1.2 Hard Copy Quote Submission:** Schedule contractors are required to submit eight (8) hard copies of their quotes in three-ring binders by the due date in paragraph 1.7 below to the following address. It is preferred that the entire quote is contained within a single three-ring binder such that a total of eight (8) binders are submitted.

ATTN: Evan Port
2600 Paramount Place, Suite 180
Fairborn, Ohio 45324

- 1.3 Assumptions:** If terms, conditions, or assumptions are included in a quotation, the quotation may be excluded on grounds that it failed to comply with the RFQ's instructions.
- 1.4 Quote Validity:** All quotations received in response to this RFQ shall remain valid for at least 240 calendar days past the due date specified in 1.7 below.
- 1.5 Exchanges:** The Government intends to evaluate quotations and award a task order without exchanges with schedule contractors. However, the Government reserves the right to conduct exchanges or seek clarifications if the contracting officer determines them to be necessary. The Government further reserves the right to reduce the number of quotations being competitively considered for award to the greatest number that will permit efficient competition among the most highly rated quotations. Schedule contractors will receive written notice if their quotation is removed from consideration for award.

- 1.6 Questions:** Questions regarding this RFQ must be submitted in writing via e-mail to Evan Port at evan.port@gsa.gov no later than February 20, 2019. The Government reserves the right to not answer questions submitted after this time
- 1.7 Due Date:** Quotations are due on March 13, 2019 at 2 PM CT. Late quotes will be processed in accordance with FAR 52.212-1(f).
- 1.8 Number of Awards:** The Government anticipates making three awards resulting from this RFQ. However, the Government reserves the right to make more or fewer than three awards or to make no awards at all.
- 1.9 Quote Incorporation:** Portions of the contractor's quotation may be incorporated into the blanket purchase agreement (BPA) award.
- 1.10 Security Classification:** Quotes must be unclassified.
- 1.11 Page/Font/File Format:** The page format shall have no less than a 1 inch margin using no smaller than a 10 point font for all text. The management and past performance portions of the quotation are to be submitted as a separate Microsoft (MS) Word 2007 or newer files or as PDF documents. The price quotation is to be submitted as a separate MS Excel 2007 or newer file. All Adobe PDF documents and MS Word documents shall be submitted with the ability to highlight and copy the text/data of the document. Any documents submitted that are protected in such a way which does not enable the ability to highlight/copy/paste the text/data will not be accepted. It is the sole responsibility of the schedule contractor to ensure that the electronic files submitted are virus free and can be opened and read by the Government. Quotation submissions shall not be locked, encrypted, or otherwise contain barriers to opening. The Government is under no obligation to seek clarification regarding electronic quotation submissions if submissions cannot be opened or accessed.

2.0 MANAGEMENT QUOTE INSTRUCTIONS:

- 2.1 Page Limitations:** The management portion of the quotation is limited to a maximum of 35 pages. The following items will not be considered when calculating page limits: cover page, table of contents, or the glossary. Page limitations shall not be circumvented by including inserted text boxes, pop-ups, or hyperlinks to additional information. Excess pages will not be read or considered in evaluation of the quotation.

3.0 PAST PERFORMANCE INSTRUCTIONS:

The past performance portion of the quotation shall be submitted as a separate electronic document from the management portion of the quotation.

- 3.1 Past Performance Information Sheets:** The contractor shall submit information in accordance with Appendix A - Past Performance Information Sheet on a minimum of three and a maximum of five recent contracts that the prime contractor considers most appropriate in demonstrating its ability to perform this requirement. The Government will only consider contracts submitted by the prime contractor or contractors under a Contractor Team Arrangement (CTA). When forming CTAs, schedule contractors should follow the guidance for elements of a CTA at the following link: <https://www.gsa.gov/buying-selling/purchasing-programs/gsa-schedules/schedule-features/contractor-team-arrangements>. The Government will not consider contracts submitted for subcontractors or other contractor team members. The page limit for the Past Performance Information Sheets is five pages per effort. The contractor shall include rationale supporting their assertion that the past performance effort meets the definitions of recent and relevant.
- 3.2 Past Performance Questionnaires:** The contractor shall provide the Appendix B, Past Performance Questionnaire found in this attachment, to each of the Government customer Points of Contact (POC) identified for each of the past performance efforts submitted. Appendix C provides a sample Questionnaire Cover Letter for use when providing the Past Performance Questionnaires to the Government POCs. Contractors should request the Government customer POCs complete and e-mail the questionnaires directly to Evan Port, evan.port@gsa.gov, and shall be received by the Government by the due date for quotes listed in paragraph 1.7 above. Early submission of the Past Performance Questionnaires is encouraged. In order to expedite the assessment process, the contractor may complete Sections I and II of the Past Performance Questionnaire for the convenience of the Government customer POC. The contractor shall not, however, complete any other section of the Past Performance Questionnaire. Once the questionnaires are completed by the customer POCs, the information contained therein shall be considered sensitive and shall not be released to the contractor.
- 3.3 Organizational Structure Change History:** Many companies have acquired, been acquired by, or otherwise merged with other companies, and/or reorganized their divisions, business groups, subsidiary companies, etc. In many cases, these changes have taken place during the time of performance of relevant past efforts or between conclusion of recent past efforts and this source selection. As a result, it can be difficult to determine what past performance is relevant to this procurement. To

facilitate this relevancy determination, include a "roadmap" describing all such changes in the organization of your company. A pamphlet or other commercial document describing such reorganizations may suffice. As part of this explanation, show how these changes impact the relevance of any efforts you identify for past performance evaluation/confidence assessment. There is no page limitation for this explanation.

4.0 PRICE QUOTE INSTRUCTIONS:

The price portion of the quotation shall be submitted as a separate electronic document from the management and past performance portions of the quotation.

- 4.1 Pricing Detail:** Pricing must include the labor categories and rates to be used to accomplish the requirements of the PWS through the entire 10-year ordering period. Labor categories and rates identified in your quote must be in your GSA schedule or added to your GSA schedule by time of award, and your GSA schedule must be active at time of award. If your GSA schedule is set to expire within the total 10-year ordering period, you must provide labor rates for the remainder of the ordering period based on approved escalation percentages in your current GSA schedule.
- 4.2 Discounts:** The Government is requesting discounts to GSA schedule rates.
- 4.3 Price Realism:** The Government reserves the right, but is not obligated, to conduct a realism analysis.

5.0 CONTRACT DOCUMENTATION INSTRUCTIONS:

The contract documentation portion of the quote shall be submitted as a separate electronic document. There is no page limitation for this portion of the quote.

- 5.1 GSA Schedule Contract:** Schedule contractors shall provide information as to how they will comply with any potential GSA Schedule contract period of performance limitations they might have when complying with FAR 8.405-3(d)(3). This should include information as to the current validity of the GSA Schedule contract; whether the contract is currently in the 5-year base period or in one of the 5-year option periods (i.e. Option 1, 2, or 3) and, if applicable, any actions the schedule contractor will take to ensure the GSA Schedule contract will be active throughout the potential 10-year BPA ordering period.
- 5.2 Organizational and Consultant Conflicts of Interest (OCCI):** Each schedule contractor shall specifically identify in its quote whether or not any potential or actual OCCI, as described FAR 9.5, exists for this procurement. If the schedule contractor believes that no OCCI exists, the OCCI response shall set forth sufficient details to support such a position. If a schedule contractor believes that an actual or perceived OCCI does

exist on this procurement, the schedule contractor shall submit an OCCI plan with the quote, explaining in detail how the OCCI will be mitigated and/or avoided.

- 5.3 CTAs:** If a CTA is utilized, schedule contractors shall provide the CTA Agreement with their quote. The Government will review the CTA Agreement to ensure that it understands the CTA. It is recommended that CTA Agreements include the Recommended Team Agreement Elements at the following link: <https://www.gsa.gov/buying-selling/purchasing-programs/gsa-schedules/schedule-features/contractor-team-arrangements>.

APPENDIX A
PAST PERFORMANCE INFORMATION

Provide the information requested in this form for each contract reference. Provide frank, concise comments regarding your performance on the contracts you identify. Provide a separate completed form for each contract/program submitted. Limit the number of references submitted and the length of each submission to the limitations set forth at paragraph 3.1 of this attachment.

A. Contractor Name (Company/Division): _____

CAGE Code: _____

DUNS Number: _____

(NOTE: If the company or division performing this effort is different than the contractor or the relevance of this effort to the instant procurement is impacted by any company/corporate organizational change, note those changes -- refer to paragraph 3.4 of this attachment.

B. Program Title: _____

C. Contract Specifics:

1. Contracting Agency or Customer _____

2. Contract Number _____

3. Contract Type _____

4. Period of Performance _____

5. Initial Contract Cost/Price _____

6. Current/final Contract Cost/Price _____

7. Annual Contract \$ Value _____

8. If Amounts for 5 and 6 above are different, provide a brief description of the reason

D. Brief Description of Effort:

E. Completion Date:

1. Original date: _____

2. Current Schedule: _____

3. Estimate at Completion: _____

4. How Many Times Changed: _____

5. Primary Causes of Change: _____

F. Primary Customer Points of Contact: (For Government contracts, provide current information on both individuals. For commercial contracts, provide points of contact fulfilling these same roles.)

1. Program Manager/COR: Name _____
Office _____

Address _____

Telephone _____

2. Contracting Officer:

Name _____

Office _____

Address _____

Telephone _____

G. Address any technical/management (or other) area about this contract/program considered unique.

H. For each of the relevancy areas listed in 1.2.2 of RFQ Attachment 3, illustrate how your experience on this program applies to that relevancy area.

I. Specify, by name, any key individuals who participated in this program and are proposed to support the instant procurement. Also, indicate their contractual roles for both procurements.

J. Describe the nature or portion of the work on the proposed effort to be performed by the business entity being reported here. Also, estimate the percentage of the total proposed effort to be performed by this entity.

APPENDIX B
PAST PERFORMANCE QUESTIONNAIRE

SECTION I: CONTRACT IDENTIFICATION

1. Contractor: _____
2. Cage Code of contractor contract was awarded to: _____
3. Contract number: _____
4. Contract type (e.g., firm fixed price, cost plus, etc.): _____
5. Was this a competitively awarded contract? Yes _____ No _____
6. Period of performance: _____
7. Initial contract cost: \$ _____
8. Current/final contract cost: \$ _____
9. Reasons for differences between initial contract cost and final contract cost:

10. Description of products/service provided: _____

11. Geographic description of services under this contract, e.g., local, nationwide, worldwide, other Commands, etc.: _____

SECTION II. EVALUATOR AND AGENCY IDENTIFICATION

- A. Agency (customer) name: _____
- B. Evaluator's name and title: _____
- C. Evaluator's phone number and email address: _____

SECTION III. PAST PERFORMANCE QUESTIONS/EVALUATION
(Circle your response, and/or provide written responses, when applicable.)

1. Technical Performance

- a. Did the contractor meet the technical requirements of the PWS?

Yes No

If no, please explain:

b. What was the overall quality of the contractor's performance? _____

2. Program Management

a. Did the contractor effectively manage and direct the contract?

Yes No

If no, please explain:

b. Did the contractor maintain good business relations with the agency?

Yes No

If no, please explain:

3. Transition/Phase-In

Did the contractor smoothly transition its resources and personnel?

Yes No

If no, please explain:

4. Employee Staff and Retention

a. Did the contractor recruit, hire, train and retain a qualified workforce with the appropriate skill levels during the term of the contract, and maintain a low turnover rate?

Yes No

If no, please explain:

b. Did the contractor replace departing personnel with employees of the same quality and skills and do so with minimal disruption to contract performance?

Yes No

If no, please explain:

5. Cost Performance

a. Did the contractor effectively forecast, manage and control costs? Did it alert the agency of unforeseen costs before they occurred?

Yes No

If no, please explain:

b. Did the contractor meet forecasted costs and perform within contract costs?

Yes No

If no, please explain:

For question number 6, please use ONE of the following performance levels to answer the question:

EXCEPTIONAL (E) (Blue) - During the contract period, contractor performance meets or met contractual requirements and exceeds or exceeded many to the Government's benefit. The contractual performance of the element or sub-element being assessed was accomplished with few minor problems for which corrective actions taken by the contractor were highly effective.

VERY GOOD (VG) (Purple) - During the contract period, contractor performance meets or met contractual requirements and exceeds or exceeded some to the Government's benefit. The contractual performance of the element or sub-element being assessed was accomplished with some minor problems for which corrective actions taken by the contractor were effective

SATISFACTORY(S) (Green) – During the contract period, contractor performance meets or met contractual requirements. The contractual performance of the element or sub-element being assessed contained some minor problems for which corrective actions taken by the contractor appear or were satisfactory.

MARGINAL (M) (Yellow) – During the contract period, contractor performance does not or did not meet some contractual requirements. The contractual performance of the element or sub-element being assessed reflects a serious problem for which the contractor has not yet identified corrective actions. The contractor's proposed actions appear only marginally effective or were not fully implemented.

UNSATISFACTORY (U) (Red) – During the contract period, contractor performance does not or did not meet most contractual requirements and recovery in a timely manner is not likely. The

contractual performance of the element or sub-element contains serious problem(s) for which the contractor's corrective actions appear or were ineffective.

6. What is your OVERALL level of satisfaction with the contractor's performance?

Exceptional Very Good Satisfactory Marginal Unsatisfactory

SECTION IV. RETURN OF COMPLETED FORM

Please return your completed form to: Evan Port, evan.port@gsa.gov

APPENDIX C

SAMPLE QUESTIONNAIRE COVER LETTER

LETTERHEAD

(Date)

FOR OFFICIAL USE ONLY

The General Services Administration is in the process of selecting a contractor for the United States Air Force's requirement for scientific and technical intelligence support services (ID05190006). One of the considerations in quote evaluation is the verification of the contractor's past and present performance on contracts, which reflect the contractor's ability to perform on the proposed effort. We depend on information received from agencies such as yours, which have had firsthand experience with a contractor, for the evaluation of the contractor's performance on those contracts.

Our areas of interest in the contractor are summarized in the enclosed questionnaire. As discussed in our initial phone contact with your office, our schedule is extremely tight and we need your written response no later than _____ calendar days after your receipt of this letter. To assist you in preparing your response and expediting your reply, the questionnaire may be filled out by hand and emailed to evan.port@gsa.gov

Please contact Evan Port at evan.port@gsa.gov prior to emailing or if you have any questions. Your completed questionnaire will become a part of the official contract file. Your help is greatly appreciated and your prompt response will be one of the keys to the successful and timely completion of this Source Selection.

Signature

1 Atch
Questionnaire

1.0 BASIS FOR AWARD

Award will be made to the schedule contractor whose quotation represents the best value to the Government in accordance with a Highest Technically Rated at a Fair and Reasonable Price evaluation methodology. Under this methodology, the Government will first evaluate and rate the schedule contractor on the non-price factors and subfactors by allocating points as described and in the order below. Next, the Government will rank schedule contractors from highest to lowest number of points. Finally, the Government will assess whether or not the proposed pricing (labor categories and labor rates) is fair and reasonable. The Government will award to the schedule contractor(s) who is/are determined to be the highest technically rated at a fair and reasonable price.

1.1 Management Factor: A maximum of 35 points can be earned for this factor based on the following subfactors. Failure to obtain at least 15 points for this Factor **may** result in exclusion from further consideration.

1.1.1 Subfactor 1, Program Management Plan (Up to 10 points): The schedule contractor's Program Management Plan will be evaluated based on how well it addresses the following:

1.1.1.1 Criteria 1: A description of the management challenges and problems associated with providing solutions for all PWS task areas. (Up to 4 points)

1.1.1.2 Criteria 2: Availability of resources, ability to timely deploy resources, and ability to successfully manage multiple, large projects simultaneously (Up to 3 points)

1.1.1.3 Criteria 3: Controls to manage subcontractors and team members to ensure satisfactory performance. (Up to 3 points)

1.1.2 Subfactor 2, Quality Control Plan (Up to 10 points): The schedule contractor's Quality Control Plan will be evaluated based how well it addresses the following:

1.1.2.1 Criteria 1: The description of the inspection system covering all services. (Up to 3 points)

1.1.2.2 Criteria 2: Identification of the frequency of inspections and the individuals who will perform inspections. (Up to 3 points)

1.1.2.3 Criteria 3: The description of methods for identifying, correcting, and preventing defects in quality of service performed. (Up to 4 points)

1.1.3 Subfactor 3, Staffing Plan (Up to 15 points): The schedule contractor's Staffing Plan will be evaluated based on how well it addresses the following:

1.1.3.1 Criteria 1: The schedule contractor's process, methodologies, and experience in recruiting, replacing, and retaining employees for projects of similar size and magnitude. (Up to 5 points)

1.1.3.2 Criteria 2: The education, experience, special skills, and any applicable certifications or clearances for the proposed labor categories. (Up to 5 points)

1.1.3.3 Criteria 3: The number of cleared TS/SCI staff and the schedule contractor's ability to obtain TS/SCI eligible staff. (Up to 5 points)

1.2 Past Performance Factor: A maximum of 65 points may be earned for this factor based on the following.

1.2.1 Recency – To be considered recent, the effort must have been active within the past 3 years from the date of issuance of this solicitation or, for ongoing efforts, must have been in place at least 12 months prior to the initial quote due date.

1.2.2 Relevancy – For each recent past performance reference reviewed, the relevance of the work performed will be assessed. The past performance information submission forms and information obtained from other sources will be used to establish the relevancy of past performance. To be determined relevant, the effort must include at least one of the following:

- Performing intelligence analysis
- Performing engineering assessments
- Developing assessments, evaluations, and predictions of capabilities
- Designing and assessing current, developmental, and projected threat systems
- Providing reports related to worldwide developments
- Writing technical reports

Each effort that is determined to be relevant, up to five total efforts, will receive a point for each relevancy area covered by that effort, up to a maximum of 45 total points. The relevancy areas are as follows:

- Relevancy Area 1: Air (PWS 5.1)
- Relevancy Area 2: Cyberspace (PWS 5.2)
- Relevancy Area 3: Space and Counterpace (PWS 5.3)
- Relevancy Area 4: Ballistic Missiles (PWS 5.4)
- Relevancy Area 5: Forces, Technology, and Infrastructure (PWS 5.5)
- Relevancy Area 6: Open Source Intelligence (PWS 5.6)
- Relevancy Area 7: Human Intelligence (PWS 5.7)
- Relevancy Area 8: Analyst Training (PWS 5.8)
- Relevancy Area 9: SIGINT (PWS 5.9)

1.2.3 Quality – For each recent, relevant effort the Government will assess the quality of performance for that effort. The Government may consider a

variety of sources to determine the quality of a contractor's performance including: past performance questionnaire responses, the Past Performance Information Retrieval System, and/or communication with past performance reference points of contact. The Government will assign an overall rating for quality of performance and corresponding number of points for each effort, up to a maximum of 20 points total:

Exceptional – 4 points
Very Good – 3 points
Satisfactory – 2 points
Marginal – 1 point
Unsatisfactory – 0 points

1.3 Price Factor: Price quotations (labor categories and labor rates) will be evaluated to determine if they are fair and reasonable. The Government anticipates using one or more of the techniques described in FAR 15.404-1(b)(2).

PROVISIONS

FAR 52.217-5, Evaluation of Options (Jul 1990)

DFARS 252.203-7005, Representation Relating to Compensation of Former DoD Officials (Nov 2011)

DFARS 252.204-7008, Compliance with Safeguarding Covered Defense Information Controls (Oct 2016)

DFARS 252.215-7008, Only One Offer (Oct 2013)

DFARS 252.225-7050, Disclosure of Ownership or Control by the Government of a Country that is a State Sponsor of Terrorism (Jan 2018)

FULL TEXT PROVISIONS

FAR 52.252-1, Solicitation Provisions Incorporated by Reference (Feb 1998)

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<https://www.acquisition.gov>

DFARS 252.247-7022, Representation of Extent of Transportation by Sea (Aug 1992)

(a) The Offeror shall indicate by checking the appropriate blank in paragraph (b) of this provision whether transportation of supplies by sea is anticipated under the resultant contract. The term “supplies” is defined in the Transportation of Supplies by Sea clause of this solicitation.

(b) Representation. The Offeror represents that it—

_____ Does anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

_____ Does not anticipate that supplies will be transported by sea in the performance of any contract or subcontract resulting from this solicitation.

(c) Any contract resulting from this solicitation will include the Transportation of Supplies by Sea clause. If the Offeror represents that it will not use ocean transportation, the resulting contract will also include the Defense FAR Supplement clause at 252.247-7024, Notification of Transportation of Supplies by Sea.

(end of provisions)

CLAUSES

FAR 52.232-33, Payment by Electronic Funds Transfer – System for Award Management (Jul 2013)

DFARS 252.201-7000, Contracting Officer's Representative (Dec 1991)

DFARS 252.203-7000, Requirements Relating to Compensation of Former DoD Officials (Sep 2011)

DFARS 252.203-7001, Prohibition on Persons Convicted of Fraud or Other Defense-Contract-Related Felonies (Dec 2008)

DFARS 252.203-7002, Requirement to Inform Employees of Whistleblower Rights (Sep 2013)

DFARS 252.203-7003, Agency Office of the Inspector General (Dec 2012)

DFARS 252.203-7004, Display of Hotline Posters (Oct 2016)

DFARS 252.204-7000, Disclosure of Information (Oct 2016)

DFARS 252.204-7002, Payment for Subline Items Not Separately Priced (Dec 1991)

DFARS 252.204-7003, Control of Government Personnel Work Product (Apr 1992)

DFARS 252.204-7005, Oral Attestation of Security Responsibilities (Nov 2001)

DFARS 252.204-7009, Limitations on the Use and Disclosure of Third-Party Contractor Reported Cyber Incident Information (Oct 2016)

DFARS 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident Reporting (Oct 2016)

DFARS 252.204-7015, Disclosure of Information to Litigation Support Contractors (May 2015)

DFARS 252.205-7000, Provision of Information to Cooperative Agreement Holders (Dec 1991)

DFARS 252.209-7004, Subcontracting with Firms that are Owned or Controlled by the Government of a Country that is a State Sponsor of Terrorism (Oct 2015)

DFARS 252.211-7007, Reporting of Government-Furnished Property (Aug 2012)

DFARS 252.223-7006, Prohibition on Storage and Disposal of Toxic and Hazardous Materials (Sept 2014)

DFARS 252.223-7008, Prohibition of Hexavalent Chromium (Jun 2013)

DFARS 252.225-7012, Preference for Certain Domestic Commodities (Dec 2017)

DFARS 252.225-7031, Secondary Arab Boycott of Israel (Jun 2005)

DFARS 252.225-7048, Export Controlled Items (Jun 2013)

DFARS 252.226-7001, Utilization of Indian Organizations, Indian-Owned Economic Enterprises and Native Hawaiian Small Business Concerns (Sep 2004)

DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports (June 2012)

DFARS 252.232-7010, Levies on Contract Payments (Dec 2006)

DFARS 252.237-7010, Prohibition on Interrogation of Detainees by Contractor Personnel (Jun 2013)

DFARS 252.237-7023, Continuation of Essential Contractor Services (Oct 2010)

DFARS 252.239-7000, Protection Against Compromising Emanations (Jun 2004)

DFARS 252.239-7001, Information Assurance Contractor Training and Certification (Jan 2008)

DFARS 252.239-7010, Cloud Computing Services (Oct 2016)

DFARS 252.241-7001, Government Access (Dec 1991)

DFARS 252.243-7001, Pricing of Contract Modifications (Dec 1991)

DFARS 252.243-7002, Requests for Equitable Adjustment (Dec 2012)

DFARS 252.244-7000, Subcontracts for Commercial Items (Jun 2013)

DFARS 252.245-7001, Tagging, Labeling, and Marking of Government-Furnished Property (Apr 2012)

DFARS 252.245-7002, Reporting Loss of Government Property (Dec 2017)

DFARS 252.245-7003, Contractor Property Management System Administration (Apr 2012)

DFARS 252.245-7004, Reporting, Reutilization, and Disposal (Dec 2017)

DFARS 252.246-7000, Material Inspection and Receiving Report (Mar 2008)

DFARS 252.247-7023, Transportation of Supplies by Sea – Basic (Apr 2014)

FULL TEXT CLAUSES

FAR 52.217-9, Option to Extend the Term of the Contract (Mar 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor prior to expiration of the contract; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 120 months.

FAR 52.252-2 Clauses Incorporated by Reference (Feb 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <https://www.acquisition.gov>.

GSA Special Clause – Payment Instructions

THE FOLLOWING PROCEDURES MUST BE FOLLOWED TO ENSURE TIMELY PAYMENT:

The contractor shall provide a monthly invoice to be submitted simultaneously with the monthly status report no later than the 10th work day of the month following the monthly reporting period. The monthly reporting period shall be based on the calendar month. The contractor invoice shall have separate line items for monthly labor and travel (if utilized).

The contractor shall submit the invoices and supporting documents, through ITSS simultaneously with the monthly status report (as an acceptance item) to allow the client and the Contracting Officer Representative (COR) to electronically accept and certify services received by the client representative. The contractor is authorized to invoice only for the services and travel ordered by GSA and provided in direct support of the client's project requirements. For

ID05190006

Attachment 4

technical questions regarding ITSS, please contact the ITSS Help Desk at 1-877-243-2889. For issues concerning payments contact GSA Ft. Worth at 1-817-978-2408.

General Services Administration Blanket Purchase Agreement

FOR

MEGASTAR

**A procurement by the
U.S. General Services Administration on behalf of the
National Air and Space Intelligence Center (NASIC)
Wright-Patterson Air Force Base, Ohio**

**Solicitation Number: ID05190006
Blanket Purchase Agreement Number: TBD**

**This BPA is awarded in compliance with The Federal Acquisition Regulation,
Subpart 8.405-3, under the Professional Services Schedule 00CORP
Special Item Numbers (SINs) 871-1 Strategic Planning for Technology Program/Activities, 871-2
Concept Development and Requirement Analysis, 871-3 System Design, Engineering, and
Integration, and 871-4 Test and Evaluation**

**NAICS 541330 Engineering Services
Product Service Code (PSC) R425 Engineering and Technical Services**

1. Basis of Agreement

This Blanket Purchase Agreement is established under the GSA Professional Services Schedule (PSS), Special Item Numbers (SINs) 871-1, 871-2, 871-3, and 871-4, Schedule Contract Number TBD. Unless otherwise stated, the terms and conditions of this PSS Schedule solicitation and contract apply to this agreement and all orders placed hereunder.

2. Description of Agreement

The Contractor agrees to furnish the services described in the MEGASTAR Performance Work Statement (PWS), attached as BPA Attachment 1, if and when ordered by the Contracting Officer or an authorized representative, during the specified term of this agreement. The Scope of Work shall be as described in the MEGASTAR PWS and further defined within each order PWS.

3. Term of Agreement

This agreement is effective for a five year basic ordering period, with five, one-year optional ordering periods, for a total potential duration of ten (10) years from the date of award. Orders issued against this BPA will be established with their own period of performance which may include options. If the period of performance of this agreement is limited due to the expiration of PSS contract upon which this BPA is based, the original period of performance may be reinstated upon execution of an extension or replacement of that PSS contract.

4. Order Types and Locations

While firm-fixed price orders are preferred, GSA may place orders in any format permissible under the Contractor's Schedule contract. GSA will place orders based on the individual requirements of the client. In the event that other direct costs are identified for a specific order, the regulation and limitations at FAR 8.402(f) apply. Work will primarily be accomplished at Wright-Patterson Air Force Base, Ohio. Additional Temporary Duty (TDY) locations may be assigned as necessary. Any and all work performed off-site at the contractor's site shall be authorized by the Government.

5. Quote Incorporated By Reference

The contractor's quote is incorporated by reference into this BPA (BPA Attachment 2). By signing this BPA, the schedule contractor agrees that no exceptions in their quote will have any force or affect unless specifically noted in this document.

6. Estimated Ceiling and Government's Obligation

The total estimated dollar value for the combined total of all task orders issued from all BPAs is \$997,000,000. The Government is obligated only to the extent of authorized purchases actually made under this agreement on individual BPA Orders.

7. Pricing

Orders awarded under this BPA shall be based on labor categories and rates set forth in the BPA Schedule of Prices (BPA Attachment 3). The contractor shall be encouraged to offer additional quantity discounts in BPA Order proposals commensurate with the size of the order. In no case shall proposed BPA Order rates exceed those established in this BPA. Any purchase of services made pursuant to this agreement will be based on written quotations submitted in response to (1) a Request for Quotations, (2) ITSS Requests for Quote, or (3) an oral request made by telephone or in person by an authorized Government representative at the time the Government's need for the item(s) or services arises. The Contractor agrees that the prices quoted to the Government will be as low, or lower than, those charged to the Suppliers most favored customer for comparable quantities under similar terms and conditions, in addition to any discounts for prompt payment.

Prices in this BPA shall be equivalent to or less than those offered by the Contractor on its PSS contract*.

If lower prices are subsequently negotiated on the Contractors PSS contract or subsequent follow-on contract, the Contractor agrees to a reduction in the prices stated in this BPA to make them equal to or lower than the newly negotiated PSS contract prices. This stipulation is necessary because the government cannot place orders using prices that are higher than those in the Federal Supply Schedule contract upon which this BPA is based. No upward adjustment in BPA prices will be authorized, paid, or reimbursed if higher prices are subsequently negotiated on the Contractors PSS contract or follow-on contract.

*NOTE: However, nominal cost-of-living price increases (consistent with those found in the Contractors current PSS contract), included in the Contractors original BPA quote will be honored for periods of performance included in this BPA that extend beyond the term of the Contractors current Federal Supply Schedule contract.

8. Ordering Procedures

Ordering Procedures – Individual Order Requests for Quotes (TO RFQs) will be issued to all MEGASTAR BPA holders for specific requirements as the need arises, unless adequate documentation substantiating exclusion from fair opportunity is provided. TO RFQs will be issued in ITSS. Each TO RFQ will include a customized PWS and projected Labor Categories, rates and hours estimated. Using this PWS, the schedule contractor and Government will attempt to negotiate Firm Fixed Price for the PWS to include deliverables, milestones and payment schedule. If the TO requirement cannot be defined and/or amiably negotiated, the Government reserves the right to place the order as a Time and Materials (T&M) order, providing all official approvals are documented. BPA holders shall upload their quotes for each order into ITSS by the due date. The Government will review the quotes and may require further negotiation. All orders will be issued in writing via ITSS. Any properly warranted GSA Region 5 Contracting Officer may place orders under this BPA.

9. Exceptions to Fair Opportunity

Issuing a RFQ to one BPA holder may be more appropriate for some services rather than a competitive RFQ issued to all BPA holders. If justified and approved, the limited sources justification will be prepared IAW FAR 8.405-6 and provided to the other BPA holder(s).

10. Disputes

Disputes - In order to maintain its business relationships with industry and avoid costly litigation, GSA/NASIC is committed to promoting the use of Alternate Dispute Resolution (ADR) techniques, especially mediation. ADR is a voluntary process whereby a neutral third party assists the parties in resolving a dispute. NASIC invites vendors to participate in using their best efforts to resolve any pre-award or post award dispute that may arise from this request to establish a BPA, and any subsequent award, without litigation. If unassisted negotiations are unsuccessful, the parties agree to use ADR techniques in an attempt to resolve disputes. Likewise, the parties agree that formal protest procedures or litigation will only be considered as a last resort, such as when ADR is unsuccessful or when ADR has been documented to be inappropriate for resolving the dispute. If the ADR is not successful, the parties retain their existing rights.

11. Contract Clauses

The following clauses apply to this BPA and are incorporated by reference into all Orders placed against this BPA:

FAR 52.232-33, Payment by Electronic Funds Transfer – System for Award Management (Jul 2013)
DFARS 252.201-7000, Contracting Officer's Representative (Dec 1991)
DFARS 252.203-7000, Requirements Relating to Compensation of Former DoD Officials (Sep 2011)
DFARS 252.203-7001, Prohibition on Persons Convicted of Fraud or Other Defense-Contract-

Related Felonies (Dec 2008)
DFARS 252.203-7002, Requirement to Inform Employees of Whistleblower Rights (Sep 2013)
DFARS 252.203-7003, Agency Office of the Inspector General (Dec 2012)
DFARS 252.203-7004, Display of Hotline Posters (Oct 2016)
DFARS 252.204-7000, Disclosure of Information (Oct 2016)
DFARS 252.204-7002, Payment for Subline Items Not Separately Priced (Dec 1991)
DFARS 252.204-7003, Control of Government Personnel Work Product (Apr 1992)
DFARS 252.204-7005, Oral Attestation of Security Responsibilities (Nov 2001)
DFARS 252.204-7009, Limitations on the Use and Disclosure of Third-Party Contractor
Reported Cyber Incident Information (Oct 2016)
DFARS 252.204-7012, Safeguarding Covered Defense Information and Cyber Incident
Reporting (Oct 2016)
DFARS 252.204-7015, Disclosure of Information to Litigation Support Contractors (May 2015)
DFARS 252.205-7000, Provision of Information to Cooperative Agreement Holders (Dec 1991)
DFARS 252.209-7004, Subcontracting with Firms that are Owned or Controlled by the
Government of a Country that is a State Sponsor of Terrorism (Oct 2015)
DFARS 252.211-7007, Reporting of Government-Furnished Property (Aug 2012)
DFARS 252.223-7006, Prohibition on Storage and Disposal of Toxic and Hazardous Materials (Sept
2014)
DFARS 252.223-7008, Prohibition of Hexavalent Chromium (Jun 2013)
DFARS 252.225-7012, Preference for Certain Domestic Commodities (Dec 2017)
DFARS 252.225-7031, Secondary Arab Boycott of Israel (Jun 2005)
DFARS 252.225-7048, Export Controlled Items (Jun 2013)
DFARS 252.226-7001, Utilization of Indian Organizations, Indian-Owned Economic Enterprises
and Native Hawaiian Small Business Concerns (Sep 2004)
DFARS 252.232-7003, Electronic Submission of Payment Requests and Receiving Reports (June 2012)
DFARS 252.232-7010, Levies on Contract Payments (Dec 2006)
DFARS 252.237-7010, Prohibition on Interrogation of Detainees by Contractor Personnel (Jun 2013)
DFARS 252.237-7023, Continuation of Essential Contractor Services (Oct 2010)
DFARS 252.239-7000, Protection Against Compromising Emanations (Jun 2004)
DFARS 252.239-7001, Information Assurance Contractor Training and Certification (Jan 2008)
DFARS 252.239-7010, Cloud Computing Services (Oct 2016)
DFARS 252.241-7001, Government Access (Dec 1991)
DFARS 252.243-7001, Pricing of Contract Modifications (Dec 1991)
DFARS 252.243-7002, Requests for Equitable Adjustment (Dec 2012)
DFARS 252.244-7000, Subcontracts for Commercial Items (Jun 2013)
DFARS 252.245-7001, Tagging, Labeling, and Marking of Government-Furnished Property (Apr 2012)
DFARS 252.245-7002, Reporting Loss of Government Property (Dec 2017)
DFARS 252.245-7003, Contractor Property Management System Administration (Apr 2012)
DFARS 252.245-7004, Reporting, Reutilization, and Disposal (Dec 2017)
DFARS 252.246-7000, Material Inspection and Receiving Report (Mar 2008)
DFARS 252.247-7023, Transportation of Supplies by Sea – Basic (Apr 2014)

The following clauses apply to this BPA and are incorporated by full text into all Orders placed against this BPA:

FAR 52.217-9, Option to Extend the Term of the Contract (Mar 2000)

(a) The Government may extend the term of this contract by written notice to the Contractor prior to expiration of the contract; provided that the Government gives the Contractor a preliminary written notice of its intent to extend at least 30 days before the contract expires. The preliminary notice does not

commit the Government to an extension.

(b) If the Government exercises this option, the extended contract shall be considered to include this option clause.

(c) The total duration of this contract, including the exercise of any options under this clause, shall not exceed 120 months.

FAR 52.252-2 Clauses Incorporated by Reference (Feb 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es): <https://www.acquisition.gov>.

GSA Special Clause – Payment Instructions

THE FOLLOWING PROCEDURES MUST BE FOLLOWED TO ENSURE TIMELY PAYMENT:

The contractor shall provide a monthly invoice to be submitted simultaneously with the monthly status report no later than the 10th work day of the month following the monthly reporting period. The monthly reporting period shall be based on the calendar month. The contractor invoice shall have separate line items for monthly labor and travel (if utilized).

The contractor shall submit the invoices and supporting documents, through ITSS simultaneously with the monthly status report (as an acceptance item) to allow the client and the Contracting Officer Representative (COR) to electronically accept and certify services received by the client representative. The contractor is authorized to invoice only for the services and travel ordered by GSA and provided in direct support of the client's project requirements. For technical questions regarding ITSS, please contact the ITSS Help Desk at 1-877-243-2889. For issues concerning payments contact GSA Ft. Worth at 1-817-978-2408.

12. Terms and Conditions

The terms and conditions included in this agreement apply to all purchases made pursuant to this agreement. In the event of an inconsistency between the provisions of this agreement and the supplier's invoice, the provisions of this agreement will take precedence.

13. Attachments

The following attachments are part of this BPA with the same force and effect as if included in this BPA document:

Attachment 1 – MEGASTAR Performance Work Statement

Attachment 2 – Contractor Quote

Attachment 3 – BPA Schedule of Prices

14. Agreement of the Parties

The Contractor hereby submits for Government acceptance this agreement, including its terms, conditions, and clauses, by signing and returning a copy with the quote for acceptance by the Government.

SIGNATURE

DATE:

Printed Name:

Title:

Contractor Address:

Contractor Phone:

Contractor E-mail:

GSA Schedule:

Tax ID Number:

Government Acceptance:

EVAN W. PORT
Contracting Officer

DATE:



January 22, 2019

MEMORANDUM FOR: GSA Professional Services Schedule Contractors

FROM: GSA/FAS/5QZAB

1734 Corporate Crossing, Suite 2
O'Fallon, IL 62269-3734

SUBJECT: Request for Quotation (RFQ) ID05190006, National Air and Space Intelligence Center (NASIC) MEGASTAR Blanket Purchase Agreement (BPA)

1. This RFQ is to establish a multiple-award BPA for NASIC scientific and technical intelligence support services. Specific services to be provided are detailed in Attachment 1 – Performance Work Statement (PWS). It is anticipated that the ordering period will consist of a five year base period followed by a five, one-year option periods beginning October 1, 2019 through September 30, 2029. The total ceiling of the BPA is \$997M.
2. In response to this RFQ, schedule contractors shall provide a quote in accordance with Attachment 2 - Quote Submission Instructions. The Government's evaluation process, inclusive of evaluation factors, is described in Attachment 3 – Basis for Task Order Award. Provisions and clauses applicable to the BPA are listed (by reference or full text) in Attachment 4 – Provisions and Clauses. BPA Terms and Conditions are included in Attachment 5.
3. This RFQ is not authorization to begin performance, and in no way obligates the Government for any costs incurred by the contractor for this requirement. The Government reserves the right not to award a BPA in response to this RFQ. Prior to commencement of any activities associated with performance of this requirement, the Government will issue a written directive or contractual document signed by the Contracting Officer.

EVAN W. PORT
Contracting Officer

Attachments:

1. PWS
2. Quote Submission Instructions
3. Basis for Task Order Award
4. Applicable Provisions/Clauses
5. BPA